

AN ANALYSIS OF THE SPIRAL SPRING

by

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for the degree of Doctor of Philosophy

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SPRING BACK TABLES FOR
SPRING STEEL STRIP

W.A.C. SWIFT.

A NOTE REGARDING THE USE OF THESE TABLES

The column headings refer to the non-dimensional quantities listed:

non-dimensional quantity	column heading
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radius	R_1/R_0
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direct stress (tensile)	P/Y
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distance from compression face to fibres under consideration	D/T
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distance from compression face to fibres at compressive yield stress	DC/T
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distance from compression face to fibres at tensile yield stress	DT/T
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maximum strain at compression face	EA
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maximum theoretical stress when at given value of R_1/R_0 for fibres at D/T	SIGMA/Y
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Residual stress after spring back for fibres at D/T	RES/Y
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spring-back ratio	R_1/R_0
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The symbols have meanings according to the following notation:

- | | | |
|----|---|---|
| R | - | minimum radius acquired by the strip at the point considered |
| Y | - | yield stress for the strip material |
| E | - | modulus of elasticity for the strip material |
| T | - | strip thickness |
| P | - | tensile stress imposed by back-tensioning |
| D | - | distance from compression face to layer of fibres |
| DC | - | distance from compression face to layer of fibres yielding in compression |

- DT - distance from compression face to layer of fibres yielding in tension
- EA - no further definition required
- SIGMA - stress σ at a layer of fibres in the fully loaded condition
- RES - residual stress after spring-back
- R1 - radius at a point on the wound-up spiral
- R0 - radius at the same point on the free spiral

If the residual stress exceeds the value 1.0000 the table becomes invalid but note should be taken that the value of RY/ET (i.e. radius) is too small for this material and this back-tension (P/Y).

The tables give the approximate maximum working stress distribution (σ/Y) and the residual stress distribution (RES/Y) over the cross-section of the strip for the values of radius and back-tension covered.

By altering the value of radius (RY/ET) for a given back-tension (P/Y), (by taking incremental lengths along the strip) the wound and free-spiral forms can be constructed using the given values of spring-back. Alternatively the charts in the thesis may be used; the chart fig. 8.1. p. 130 was constructed from these tables.

The second section of the tables refers to the prediction of the free spiral and lists the radius attained at fixed increments of length, the angle subtended by the elementary length and the total angle subtended at the centre of the spiral by the current length of strip.

RUN BY GEORGE 2/MK8C ON 27/01/71 AT 38.29

JOB M60A,1905M60B,W.A.C.SWIFT
FORTRAN 1,CRO(M60APROG),,40,9000
9F07 IN

ER.B

DOCUMENT M60A

, NORM[M60A

; LP00 ON 27/01/71 AT 38.30

```
0001      LIST(LP)  
0002      SEND TO (ED,RUN.FILE)  
0003      PROGRAM(M60A1905M60B)  
0004      OUTPUT 2=LP0  
0005      END
```

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0006      C      SPRING BACK WITH TENSION
0007      MASTER SPRING
0008      100     FORMAT(1H1,10X,'PROGRAM LOGARITHMIC SPRING',//)
0009      WRITE(2,100)
0010      400     FORMAT(1H0,10X,'RESIDUAL STRESS DISTRIBUTION',//)
0011      WRITE(2,400)
0012      YRATIO=168.6
0013      DO 388 K=1,10
0014      PRATIO=(K-1)*0.1
0015      DO 999 J=1,11
0016      RAD=(J-1)*0.05
0017      IF (RAD.LT.0.01) RAD = 0.025
0018      WRITE(2,200)YRATIO
0019      EDASH=(1-PRATIO)/(2.0*RAD*YRATIO)
0020      EA=EDASH/(1-EDASH)
0021      Z = ((YRATIO-1)*(1-PRATIO))/(2.0000*YRATIO)
0022      IF (ABS(EA).LT.(1/YRATIO-0.2E-4)) GO TO 777
0023      C
0024      C      COMPRESSIVE YIELDING
0025      C
0026      B=0.0
0027      A=1/YRATIO*(RAD/(1+EA))*2+2.0000*(1/(3.0000*YRATIO)+EA*EA*YRATIO)
0028      ADEN=1.000+EA+4.0000*PRATIO/YRATIO+3.000*A
0029      RR=(1.0000+EA+6.0000*RAD*(PRATIO-YRATIO*A))/ADEN
0030      TRATIO = (1-YRATIO*EA)*RAD/(1+EA)
0031      CRATIO = -(1+YRATIO*EA)*RAD/(1+EA)
0032      DO 555 L=1,11
0033      DRATIO = (L-1)*0.1000
0034      SRATIO = YRATIO*EA + ((1+EA)*DRATIO)/RAD
0035      IF (DRATIO.GT.TRATIO) SRATIO=+1.0000
0036      IF (DRATIO.LT.CRATIO) SRATIO=-1.0000
0037      RES=SRATIO-PRATIO+(0.50000-0.500000*RR)/RAD-(DRATIO-DRATIO*RR)/RAD
0038      WRITE(2,500) RAD,PRATIO,DRATIO,CRATIO,TRATIO,EA,SRATIO,RES,RR
0039      555     CONTINUE
0040      GO TO 999
0041      C
0042      C      NO COMPRESSIVE YIELDING
0043      C
0044      777     A=0.0
0045      EDASH = (1.00000-SQRT((2.00000-2.00000*PRATIO)/RAD))/YRATIO
0046      EA = EDASH/(1.00000-EDASH)
0047      TRATIO = (1-YRATIO*EA)*RAD/(1+EA)
0048      CRATIO=0.0000
0049      B=1/YRATIO*(1/YRATIO-EA)*((TRATIO)**2)+((TRATIO)**3)*2*(1+EA)/(3*R
0050      AD*YRATIO)
0051      BDEN=1+EA+4.0*PRATIO/YRATIO+3.0*B
0052      RR=(1+EA+6.0*RAD*PRATIO-6.0*RAD*YRATIO*B)/BDEN
0053      DO 666,M=1,11
0054      DRATIO = (M-1)*0.1
0055      SRATIO = EA*YRATIO + DRATIO*(1+EA)/RAD
0056      IF (DRATIO.GT.TRATIO) SRATIO=+1.0000
0057      RES=SRATIO-PRATIO+(0.50000-0.500000*RR)/RAD-(DRATIO-DRATIO*RR)/RAD
0058      WRITE(2,500) RAD,PRATIO,DRATIO,CRATIO,TRATIO,EA,SRATIO,RES,RR
0059      666     CONTINUE
0060      500     FORMAT(1H0,9F13.5)
0061      200     FORMAT(1H1,40X,'E/Y',F12.5///9X,'RY/ET',9X,'P/Y',9X,'D/T',10X,'DC
0062      1/T',9X,'DT/T',10X,'EA',8X,'SIGMA/Y',8X,'RES/Y',8X,'R1/R0')
0063      999     CONTINUE
0064      888     CONTINUE
0065      STOP
0066      END

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0067

FINISH

END OF COMPILATION - NO ERRORS

S/C SUBFILE: 11 BUCKETS USED

||||||||||||||||

CONSOLIDATED BY XPCK 8A DATE 27/01/71 TIME 38/30/36

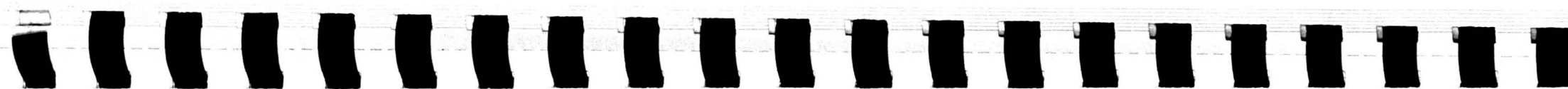
PROGRAM M60A

EXTENDED DATA (22AM)

COMPACT PROGRAM (DBM)

CORE 2752

SEG	SPRING
SEG	ABS
SEG	SQRT



PROGRAM LOGARITHMIC SPRING

RESIDUAL STRESS DISTRIBUTION

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.02500	0.00000	0.00000	0.47203	0.52797	-0.10604	-1.00000	0.85656	0.90717
0.02500	0.00000	0.10000	0.47203	0.52797	-0.10604	-1.00000	0.48525	0.90717
0.02500	0.00000	0.20000	0.47203	0.52797	-0.10604	-1.00000	0.11394	0.90717
0.02500	0.00000	0.30000	0.47203	0.52797	-0.10604	-1.00000	-0.25737	0.90717
0.02500	0.00000	0.40000	0.47203	0.52797	-0.10604	-1.00000	-0.62869	0.90717
0.02500	0.00000	0.50000	0.47203	0.52797	-0.10604	0.00000	0.00000	0.90717
0.02500	0.00000	0.60000	0.47203	0.52797	-0.10604	1.00000	0.62869	0.90717
0.02500	0.00000	0.70000	0.47203	0.52797	-0.10604	1.00000	0.25737	0.90717
0.02500	0.00000	0.80000	0.47203	0.52797	-0.10604	1.00000	-0.11394	0.90717
0.02500	0.00000	0.90000	0.47203	0.52797	-0.10604	1.00000	-0.48525	0.90717
0.02500	0.00000	1.00000	0.47203	0.52797	-0.10604	1.00000	-0.85656	0.90717

E/Y 168.60000

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.05000	0.00000	0.00000	0.44703	0.55297	-0.05599	-1.00000	0.66132	0.83387
0.05000	0.00000	0.10000	0.44703	0.55297	-0.05599	-1.00000	0.32905	0.83387
0.05000	0.00000	0.20000	0.44703	0.55297	-0.05599	-1.00000	-0.00321	0.83387
0.05000	0.00000	0.30000	0.44703	0.55297	-0.05599	-1.00000	-0.33547	0.83387
0.05000	0.00000	0.40000	0.44703	0.55297	-0.05599	-1.00000	-0.66774	0.83387
0.05000	0.00000	0.50000	0.44703	0.55297	-0.05599	0.00000	0.00000	0.83387
0.05000	0.00000	0.60000	0.44703	0.55297	-0.05599	1.00000	0.66774	0.83387
0.05000	0.00000	0.70000	0.44703	0.55297	-0.05599	1.00000	0.33547	0.83387
0.05000	0.00000	0.80000	0.44703	0.55297	-0.05599	1.00000	0.00321	0.83387
0.05000	0.00000	0.90000	0.44703	0.55297	-0.05599	1.00000	-0.32905	0.83387
0.05000	0.00000	1.00000	0.44703	0.55297	-0.05599	1.00000	-0.66132	0.83387

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.10000	0.00000	0.00000	0.39703	0.60297	-0.02880	-1.00000	0.55377	0.68925
0.10000	0.00000	0.10000	0.39703	0.60297	-0.02880	-1.00000	0.24302	0.68925
0.10000	0.00000	0.20000	0.39703	0.60297	-0.02880	-1.00000	-0.06774	0.68925
0.10000	0.00000	0.30000	0.39703	0.60297	-0.02880	-1.00000	-0.37849	0.68925
0.10000	0.00000	0.40000	0.39703	0.60297	-0.02880	-0.97120	-0.66044	0.68925
0.10000	0.00000	0.50000	0.39703	0.60297	-0.02880	0.00000	0.00000	0.68925
0.10000	0.00000	0.60000	0.39703	0.60297	-0.02880	0.97120	0.66044	0.68925
0.10000	0.00000	0.70000	0.39703	0.60297	-0.02880	1.00000	0.37849	0.68925
0.10000	0.00000	0.80000	0.39703	0.60297	-0.02880	1.00000	0.06774	0.68925
0.10000	0.00000	0.90000	0.39703	0.60297	-0.02880	1.00000	-0.24302	0.68925
0.10000	0.00000	1.00000	0.39703	0.60297	-0.02880	1.00000	-0.55377	0.68925

E/Y 168.60000

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.00000	0.00000	0.34703	0.65297	-0.01939	-1.00000	0.49807	0.55058
0.15000	0.00000	0.10000	0.34703	0.65297	-0.01939	-1.00000	0.19845	0.55058
0.15000	0.00000	0.20000	0.34703	0.65297	-0.01939	-1.00000	-0.10116	0.55058
0.15000	0.00000	0.30000	0.34703	0.65297	-0.01939	-1.00000	-0.40077	0.55058
0.15000	0.00000	0.40000	0.34703	0.65297	-0.01939	-0.65374	-0.35413	0.55058
0.15000	0.00000	0.50000	0.34703	0.65297	-0.01939	0.00000	0.00000	0.55058
0.15000	0.00000	0.60000	0.34703	0.65297	-0.01939	0.65374	0.35413	0.55058
0.15000	0.00000	0.70000	0.34703	0.65297	-0.01939	1.00000	0.40077	0.55058
0.15000	0.00000	0.80000	0.34703	0.65297	-0.01939	1.00000	0.10116	0.55058
0.15000	0.00000	0.90000	0.34703	0.65297	-0.01939	1.00000	-0.19845	0.55058
0.15000	0.00000	1.00000	0.34703	0.65297	-0.01939	1.00000	-0.49807	0.55058

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.00000	0.00000	0.29703	0.70297	-0.01461	-1.00000	0.44761	0.42096
0.20000	0.00000	0.10000	0.29703	0.70297	-0.01461	-1.00000	0.15809	0.42096
0.20000	0.00000	0.20000	0.29703	0.70297	-0.01461	-1.00000	-0.13143	0.42096
0.20000	0.00000	0.30000	0.29703	0.70297	-0.01461	-0.98539	-0.40634	0.42096
0.20000	0.00000	0.40000	0.29703	0.70297	-0.01461	-0.49269	-0.20317	0.42096
0.20000	0.00000	0.50000	0.29703	0.70297	-0.01461	0.00000	0.00000	0.42096
0.20000	0.00000	0.60000	0.29703	0.70297	-0.01461	0.49269	0.20317	0.42096
0.20000	0.00000	0.70000	0.29703	0.70297	-0.01461	0.98539	0.40634	0.42096
0.20000	0.00000	0.80000	0.29703	0.70297	-0.01461	1.00000	0.13143	0.42096
0.20000	0.00000	0.90000	0.29703	0.70297	-0.01461	1.00000	-0.15809	0.42096
0.20000	0.00000	1.00000	0.29703	0.70297	-0.01461	1.00000	-0.44761	0.42096

E/Y 168.60000

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.00000	0.00000	0.24703	0.75297	-0.01172	-1.00000	0.39329	0.30336
0.25000	0.00000	0.10000	0.24703	0.75297	-0.01172	-1.00000	0.11463	0.30336
0.25000	0.00000	0.20000	0.24703	0.75297	-0.01172	-1.00000	-0.16403	0.30336
0.25000	0.00000	0.30000	0.24703	0.75297	-0.01172	-0.79062	-0.23331	0.30336
0.25000	0.00000	0.40000	0.24703	0.75297	-0.01172	-0.39531	-0.11665	0.30336
0.25000	0.00000	0.50000	0.24703	0.75297	-0.01172	0.00000	0.00000	0.30336
0.25000	0.00000	0.60000	0.24703	0.75297	-0.01172	0.39531	0.11665	0.30336
0.25000	0.00000	0.70000	0.24703	0.75297	-0.01172	0.79062	0.23331	0.30336
0.25000	0.00000	0.80000	0.24703	0.75297	-0.01172	1.00000	0.16403	0.30336
0.25000	0.00000	0.90000	0.24703	0.75297	-0.01172	1.00000	-0.11463	0.30336
0.25000	0.00000	1.00000	0.24703	0.75297	-0.01172	1.00000	-0.39329	0.30336

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.30000	0.00000	0.00000	0.19703	0.80297	-0.00979	-1.00000	0.33208	0.20075
0.30000	0.00000	0.10000	0.19703	0.80297	-0.00979	-1.00000	0.06566	0.20075
0.30000	0.00000	0.20000	0.19703	0.80297	-0.00979	-0.99021	-0.19097	0.20075
0.30000	0.00000	0.30000	0.19703	0.80297	-0.00979	-0.66014	-0.12731	0.20075
0.30000	0.00000	0.40000	0.19703	0.80297	-0.00979	-0.33007	-0.06366	0.20075
0.30000	0.00000	0.50000	0.19703	0.80297	-0.00979	0.00000	0.00000	0.20075
0.30000	0.00000	0.60000	0.19703	0.80297	-0.00979	0.33007	0.06366	0.20075
0.30000	0.00000	0.70000	0.19703	0.80297	-0.00979	0.66014	0.12731	0.20075
0.30000	0.00000	0.80000	0.19703	0.80297	-0.00979	0.99021	0.19097	0.20075
0.30000	0.00000	0.90000	0.19703	0.80297	-0.00979	1.00000	-0.06566	0.20075
0.30000	0.00000	1.00000	0.19703	0.80297	-0.00979	1.00000	-0.33208	0.20075

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.00000	0.00000	0.14703	0.85297	-0.00840	-1.00000	0.26267	0.11613
0.35000	0.00000	0.10000	0.14703	0.85297	-0.00840	-1.00000	0.01014	0.11613
0.35000	0.00000	0.20000	0.14703	0.85297	-0.00840	-0.84994	-0.09234	0.11613
0.35000	0.00000	0.30000	0.14703	0.85297	-0.00840	-0.56663	-0.06156	0.11613
0.35000	0.00000	0.40000	0.14703	0.85297	-0.00840	-0.28331	-0.03078	0.11613
0.35000	0.00000	0.50000	0.14703	0.85297	-0.00840	0.00000	0.00000	0.11613
0.35000	0.00000	0.60000	0.14703	0.85297	-0.00840	0.28331	0.03078	0.11613
0.35000	0.00000	0.70000	0.14703	0.85297	-0.00840	0.56663	0.06156	0.11613
0.35000	0.00000	0.80000	0.14703	0.85297	-0.00840	0.84994	0.09234	0.11613
0.35000	0.00000	0.90000	0.14703	0.85297	-0.00840	1.00000	-0.01014	0.11613
0.35000	0.00000	1.00000	0.14703	0.85297	-0.00840	1.00000	-0.26267	0.11613

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.00000	0.00000	0.09703	0.90297	-0.00736	-1.00000	0.18441	0.05247
0.40000	0.00000	0.10000	0.09703	0.90297	-0.00736	-0.99264	-0.04511	0.05247
0.40000	0.00000	0.20000	0.09703	0.90297	-0.00736	-0.74448	-0.03383	0.05247
0.40000	0.00000	0.30000	0.09703	0.90297	-0.00736	-0.49632	-0.02256	0.05247
0.40000	0.00000	0.40000	0.09703	0.90297	-0.00736	-0.24816	-0.01128	0.05247
0.40000	0.00000	0.50000	0.09703	0.90297	-0.00736	0.00000	0.00000	0.05247
0.40000	0.00000	0.60000	0.09703	0.90297	-0.00736	0.24816	0.01128	0.05247
0.40000	0.00000	0.70000	0.09703	0.90297	-0.00736	0.49632	0.02256	0.05247
0.40000	0.00000	0.80000	0.09703	0.90297	-0.00736	0.74448	0.03383	0.05247
0.40000	0.00000	0.90000	0.09703	0.90297	-0.00736	0.99264	0.04511	0.05247
0.40000	0.00000	1.00000	0.09703	0.90297	-0.00736	1.00000	-0.18441	0.05247

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.00000	0.00000	0.04703	0.95297	-0.00655	-1.00000	0.09692	0.01277
0.45000	0.00000	0.10000	0.04703	0.95297	-0.00655	-0.88307	-0.00554	0.01277
0.45000	0.00000	0.20000	0.04703	0.95297	-0.00655	-0.66230	-0.00415	0.01277
0.45000	0.00000	0.30000	0.04703	0.95297	-0.00655	-0.44153	-0.00277	0.01277
0.45000	0.00000	0.40000	0.04703	0.95297	-0.00655	-0.22077	-0.00138	0.01277
0.45000	0.00000	0.50000	0.04703	0.95297	-0.00655	0.00000	0.00000	0.01277
0.45000	0.00000	0.60000	0.04703	0.95297	-0.00655	0.22077	0.00138	0.01277
0.45000	0.00000	0.70000	0.04703	0.95297	-0.00655	0.44153	0.00277	0.01277
0.45000	0.00000	0.80000	0.04703	0.95297	-0.00655	0.66230	0.00415	0.01277
0.45000	0.00000	0.90000	0.04703	0.95297	-0.00655	0.88307	0.00554	0.01277
0.45000	0.00000	1.00000	0.04703	0.95297	-0.00655	1.00000	-0.09692	0.01277

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.50000	0.00000	0.00000	0.00000	1.00297	-0.00590	-0.99410	0.00584	0.00005
0.50000	0.00000	0.10000	0.00000	1.00297	-0.00590	-0.79528	0.00467	0.00005
0.50000	0.00000	0.20000	0.00000	1.00297	-0.00590	-0.59646	0.00351	0.00005
0.50000	0.00000	0.30000	0.00000	1.00297	-0.00590	-0.39764	0.00234	0.00005
0.50000	0.00000	0.40000	0.00000	1.00297	-0.00590	-0.19882	0.00117	0.00005
0.50000	0.00000	0.50000	0.00000	1.00297	-0.00590	0.00000	0.00000	0.00005
0.50000	0.00000	0.60000	0.00000	1.00297	-0.00590	0.19882	-0.00117	0.00005
0.50000	0.00000	0.70000	0.00000	1.00297	-0.00590	0.39764	-0.00234	0.00005
0.50000	0.00000	0.80000	0.00000	1.00297	-0.00590	0.59646	-0.00351	0.00005
0.50000	0.00000	0.90000	0.00000	1.00297	-0.00590	0.79528	-0.00467	0.00005
0.50000	0.00000	1.00000	0.00000	1.00297	-0.00590	0.99410	-0.00584	0.00005

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.02500	0.10000	0.00000	0.42233	0.47767	-0.09646	-1.00000	0.70707	0.90965
0.02500	0.10000	0.10000	0.42233	0.47767	-0.09646	-1.00000	0.34565	0.90965
0.02500	0.10000	0.20000	0.42233	0.47767	-0.09646	-1.00000	-0.01576	0.90965
0.02500	0.10000	0.30000	0.42233	0.47767	-0.09646	-1.00000	-0.37717	0.90965
0.02500	0.10000	0.40000	0.42233	0.47767	-0.09646	-1.00000	-0.73859	0.90965
0.02500	0.10000	0.50000	0.42233	0.47767	-0.09646	1.00000	0.90000	0.90965
0.02500	0.10000	0.60000	0.42233	0.47767	-0.09646	1.00000	0.53859	0.90965
0.02500	0.10000	0.70000	0.42233	0.47767	-0.09646	1.00000	0.17717	0.90965
0.02500	0.10000	0.80000	0.42233	0.47767	-0.09646	1.00000	-0.18424	0.90965
0.02500	0.10000	0.90000	0.42233	0.47767	-0.09646	1.00000	-0.54565	0.90965
0.02500	0.10000	1.00000	0.42233	0.47767	-0.09646	1.00000	-0.90707	0.90965

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.05000	0.10000	0.00000	0.39733	0.50267	-0.05068	-1.00000	0.53056	0.83694
0.05000	0.10000	0.10000	0.39733	0.50267	-0.05068	-1.00000	0.20445	0.83694
0.05000	0.10000	0.20000	0.39733	0.50267	-0.05068	-1.00000	-0.12166	0.83694
0.05000	0.10000	0.30000	0.39733	0.50267	-0.05068	-1.00000	-0.44778	0.83694
0.05000	0.10000	0.40000	0.39733	0.50267	-0.05068	-0.94932	-0.72321	0.83694
0.05000	0.10000	0.50000	0.39733	0.50267	-0.05068	0.94932	0.84932	0.83694
0.05000	0.10000	0.60000	0.39733	0.50267	-0.05068	1.00000	0.57389	0.83694
0.05000	0.10000	0.70000	0.39733	0.50267	-0.05068	1.00000	0.24778	0.83694
0.05000	0.10000	0.80000	0.39733	0.50267	-0.05068	1.00000	-0.07834	0.83694
0.05000	0.10000	0.90000	0.39733	0.50267	-0.05068	1.00000	-0.40445	0.83694
0.05000	0.10000	1.00000	0.39733	0.50267	-0.05068	1.00000	-0.73056	0.83694

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.10000	0.10000	0.00000	0.34733	0.55267	-0.02600	-1.00000	0.43180	0.69364
0.10000	0.10000	0.10000	0.34733	0.55267	-0.02600	-1.00000	0.12544	0.69364
0.10000	0.10000	0.20000	0.34733	0.55267	-0.02600	-1.00000	-0.18092	0.69364
0.10000	0.10000	0.30000	0.34733	0.55267	-0.02600	-1.00000	-0.48728	0.69364
0.10000	0.10000	0.40000	0.34733	0.55267	-0.02600	-0.48700	-0.28064	0.69364
0.10000	0.10000	0.50000	0.34733	0.55267	-0.02600	0.48700	0.38700	0.69364
0.10000	0.10000	0.60000	0.34733	0.55267	-0.02600	1.00000	0.59364	0.69364
0.10000	0.10000	0.70000	0.34733	0.55267	-0.02600	1.00000	0.28728	0.69364
0.10000	0.10000	0.80000	0.34733	0.55267	-0.02600	1.00000	-0.01908	0.69364
0.10000	0.10000	0.90000	0.34733	0.55267	-0.02600	1.00000	-0.32544	0.69364
0.10000	0.10000	1.00000	0.34733	0.55267	-0.02600	1.00000	-0.63180	0.69364

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.10000	0.00000	0.29733	0.60267	-0.01748	-1.00000	0.37896	0.55631
0.15000	0.10000	0.10000	0.29733	0.60267	-0.01748	-1.00000	0.08317	0.55631
0.15000	0.10000	0.20000	0.29733	0.60267	-0.01748	-1.00000	-0.21262	0.55631
0.15000	0.10000	0.30000	0.29733	0.60267	-0.01748	-0.98252	-0.49093	0.55631
0.15000	0.10000	0.40000	0.29733	0.60267	-0.01748	-0.32751	-0.13171	0.55631
0.15000	0.10000	0.50000	0.29733	0.60267	-0.01748	0.32751	0.22751	0.55631
0.15000	0.10000	0.60000	0.29733	0.60267	-0.01748	0.98252	0.58673	0.55631
0.15000	0.10000	0.70000	0.29733	0.60267	-0.01748	1.00000	0.30842	0.55631
0.15000	0.10000	0.80000	0.29733	0.60267	-0.01748	1.00000	0.01262	0.55631
0.15000	0.10000	0.90000	0.29733	0.60267	-0.01748	1.00000	-0.28317	0.55631
0.15000	0.10000	1.00000	0.29733	0.60267	-0.01748	1.00000	-0.57896	0.55631

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.10000	0.00000	0.24733	0.65267	-0.01317	-1.00000	0.32995	0.42802
0.20000	0.10000	0.10000	0.24733	0.65267	-0.01317	-1.00000	0.04396	0.42802
0.20000	0.10000	0.20000	0.24733	0.65267	-0.01317	-1.00000	-0.24203	0.42802
0.20000	0.10000	0.30000	0.24733	0.65267	-0.01317	-0.74012	-0.26814	0.42802
0.20000	0.10000	0.40000	0.24733	0.65267	-0.01317	-0.24671	-0.06072	0.42802
0.20000	0.10000	0.50000	0.24733	0.65267	-0.01317	0.24671	0.14671	0.42802
0.20000	0.10000	0.60000	0.24733	0.65267	-0.01317	0.74012	0.35413	0.42802
0.20000	0.10000	0.70000	0.24733	0.65267	-0.01317	1.00000	0.32802	0.42802
0.20000	0.10000	0.80000	0.24733	0.65267	-0.01317	1.00000	0.04203	0.42802
0.20000	0.10000	0.90000	0.24733	0.65267	-0.01317	1.00000	-0.24396	0.42802
0.20000	0.10000	1.00000	0.24733	0.65267	-0.01317	1.00000	-0.52995	0.42802

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.10000	0.00000	0.19733	0.70267	-0.01056	-1.00000	0.27651	0.31175
0.25000	0.10000	0.10000	0.19733	0.70267	-0.01056	-1.00000	0.00121	0.31175
0.25000	0.10000	0.20000	0.19733	0.70267	-0.01056	-0.98944	-0.26353	0.31175
0.25000	0.10000	0.30000	0.19733	0.70267	-0.01056	-0.59366	-0.14306	0.31175
0.25000	0.10000	0.40000	0.19733	0.70267	-0.01056	-0.19789	-0.02259	0.31175
0.25000	0.10000	0.50000	0.19733	0.70267	-0.01056	0.19789	0.09789	0.31175
0.25000	0.10000	0.60000	0.19733	0.70267	-0.01056	0.59366	0.21836	0.31175
0.25000	0.10000	0.70000	0.19733	0.70267	-0.01056	0.98944	0.33883	0.31175
0.25000	0.10000	0.80000	0.19733	0.70267	-0.01056	1.00000	0.07410	0.31175
0.25000	0.10000	0.90000	0.19733	0.70267	-0.01056	1.00000	-0.20121	0.31175
0.25000	0.10000	1.00000	0.19733	0.70267	-0.01056	1.00000	-0.47651	0.31175

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.30000	0.10000	0.00000	0.14733	0.75267	-0.00882	-1.00000	0.21589	0.21047
0.30000	0.10000	0.10000	0.14733	0.75267	-0.00882	-1.00000	-0.04729	0.21047
0.30000	0.10000	0.20000	0.14733	0.75267	-0.00882	-0.82598	-0.13645	0.21047
0.30000	0.10000	0.30000	0.14733	0.75267	-0.00882	-0.49559	-0.06924	0.21047
0.30000	0.10000	0.40000	0.14733	0.75267	-0.00882	-0.16520	-0.00202	0.21047
0.30000	0.10000	0.50000	0.14733	0.75267	-0.00882	0.16520	0.06520	0.21047
0.30000	0.10000	0.60000	0.14733	0.75267	-0.00882	0.49559	0.13241	0.21047
0.30000	0.10000	0.70000	0.14733	0.75267	-0.00882	0.82598	0.19963	0.21047
0.30000	0.10000	0.80000	0.14733	0.75267	-0.00882	1.00000	0.11047	0.21047
0.30000	0.10000	0.90000	0.14733	0.75267	-0.00882	1.00000	-0.15271	0.21047
0.30000	0.10000	1.00000	0.14733	0.75267	-0.00882	1.00000	-0.41589	0.21047

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.10000	0.00000	0.09733	0.80267	-0.00757	-1.00000	0.14691	0.12716
0.35000	0.10000	0.10000	0.09733	0.80267	-0.00757	-0.99243	-0.09490	0.12716
0.35000	0.10000	0.20000	0.09733	0.80267	-0.00757	-0.70888	-0.06073	0.12716
0.35000	0.10000	0.30000	0.09733	0.80267	-0.00757	-0.42533	-0.02656	0.12716
0.35000	0.10000	0.40000	0.09733	0.80267	-0.00757	-0.14178	0.00761	0.12716
0.35000	0.10000	0.50000	0.09733	0.80267	-0.00757	0.14178	0.04178	0.12716
0.35000	0.10000	0.60000	0.09733	0.80267	-0.00757	0.42533	0.07595	0.12716
0.35000	0.10000	0.70000	0.09733	0.80267	-0.00757	0.70888	0.11012	0.12716
0.35000	0.10000	0.80000	0.09733	0.80267	-0.00757	0.99243	0.14429	0.12716
0.35000	0.10000	0.90000	0.09733	0.80267	-0.00757	1.00000	-0.09753	0.12716
0.35000	0.10000	1.00000	0.09733	0.80267	-0.00757	1.00000	-0.34691	0.12716

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.10000	0.00000	0.04733	0.85267	-0.00663	-1.00000	0.06897	0.06482
0.40000	0.10000	0.10000	0.04733	0.85267	-0.00663	-0.86920	-0.03402	0.06482
0.40000	0.10000	0.20000	0.04733	0.85267	-0.00663	-0.62086	-0.01947	0.06482
0.40000	0.10000	0.30000	0.04733	0.85267	-0.00663	-0.37251	-0.00492	0.06482
0.40000	0.10000	0.40000	0.04733	0.85267	-0.00663	-0.12417	0.00962	0.06482
0.40000	0.10000	0.50000	0.04733	0.85267	-0.00663	0.12417	0.02417	0.06482
0.40000	0.10000	0.60000	0.04733	0.85267	-0.00663	0.37251	0.03872	0.06482
0.40000	0.10000	0.70000	0.04733	0.85267	-0.00663	0.62086	0.05327	0.06482
0.40000	0.10000	0.80000	0.04733	0.85267	-0.00663	0.86920	0.06782	0.06482
0.40000	0.10000	0.90000	0.04733	0.85267	-0.00663	1.00000	-0.03518	0.06482
0.40000	0.10000	1.00000	0.04733	0.85267	-0.00663	1.00000	-0.26897	0.06482

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.10000	0.00000	0.00000	0.90267	-0.00590	-0.99410	-0.01237	0.02644
0.45000	0.10000	0.10000	0.00000	0.90267	-0.00590	-0.77319	-0.00781	0.02644
0.45000	0.10000	0.20000	0.00000	0.90267	-0.00590	-0.55228	-0.00324	0.02644
0.45000	0.10000	0.30000	0.00000	0.90267	-0.00590	-0.33137	0.00132	0.02644
0.45000	0.10000	0.40000	0.00000	0.90267	-0.00590	-0.11046	0.00589	0.02644
0.45000	0.10000	0.50000	0.00000	0.90267	-0.00590	0.11046	0.01046	0.02644
0.45000	0.10000	0.60000	0.00000	0.90267	-0.00590	0.33137	0.01502	0.02644
0.45000	0.10000	0.70000	0.00000	0.90267	-0.00590	0.55228	0.01959	0.02644
0.45000	0.10000	0.80000	0.00000	0.90267	-0.00590	0.77319	0.02415	0.02644
0.45000	0.10000	0.90000	0.00000	0.90267	-0.00590	0.99410	0.02872	0.02644
0.45000	0.10000	1.00000	0.00000	0.90267	-0.00590	1.00000	-0.18173	0.02644

E/Y 168,60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0,50000	0,10000	0,00000	0,00000	0,95134	-0,00529	-0,89262	-0,00025	0,00763
0,50000	0,10000	0,10000	0,00000	0,95134	-0,00529	-0,69367	0,00022	0,00763
0,50000	0,10000	0,20000	0,00000	0,95134	-0,00529	-0,49473	0,00069	0,00763
0,50000	0,10000	0,30000	0,00000	0,95134	-0,00529	-0,29579	0,00116	0,00763
0,50000	0,10000	0,40000	0,00000	0,95134	-0,00529	-0,09685	0,00162	0,00763
0,50000	0,10000	0,50000	0,00000	0,95134	-0,00529	0,10209	0,00209	0,00763
0,50000	0,10000	0,60000	0,00000	0,95134	-0,00529	0,30103	0,00256	0,00763
0,50000	0,10000	0,70000	0,00000	0,95134	-0,00529	0,49997	0,00302	0,00763
0,50000	0,10000	0,80000	0,00000	0,95134	-0,00529	0,69891	0,00349	0,00763
0,50000	0,10000	0,90000	0,00000	0,95134	-0,00529	0,89785	0,00396	0,00763
0,50000	0,10000	1,00000	0,00000	0,95134	-0,00529	1,00000	-0,09237	0,00763

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.02500	0.20000	0.00000	0.37263	0.42737	-0.08667	-1.00000	0.52202	0.91390
0.02500	0.20000	0.10000	0.37263	0.42737	-0.08667	-1.00000	0.17762	0.91390
0.02500	0.20000	0.20000	0.37263	0.42737	-0.08667	-1.00000	-0.16679	0.91390
0.02500	0.20000	0.30000	0.37263	0.42737	-0.08667	-1.00000	-0.51119	0.91390
0.02500	0.20000	0.40000	0.37263	0.42737	-0.08667	0.00000	0.14440	0.91390
0.02500	0.20000	0.50000	0.37263	0.42737	-0.08667	1.00000	0.80000	0.91390
0.02500	0.20000	0.60000	0.37263	0.42737	-0.08667	1.00000	0.45560	0.91390
0.02500	0.20000	0.70000	0.37263	0.42737	-0.08667	1.00000	0.11119	0.91390
0.02500	0.20000	0.80000	0.37263	0.42737	-0.08667	1.00000	-0.23321	0.91390
0.02500	0.20000	0.90000	0.37263	0.42737	-0.08667	1.00000	-0.57762	0.91390
0.02500	0.20000	1.00000	0.37263	0.42737	-0.08667	1.00000	-0.92202	0.91390

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.05000	0.20000	0.00000	0.34763	0.45237	-0.04530	-1.00000	0.36726	0.84327
0.05000	0.20000	0.10000	0.34763	0.45237	-0.04530	-1.00000	0.05381	0.84327
0.05000	0.20000	0.20000	0.34763	0.45237	-0.04530	-1.00000	-0.25965	0.84327
0.05000	0.20000	0.30000	0.34763	0.45237	-0.04530	-1.00000	-0.57310	0.84327
0.05000	0.20000	0.40000	0.34763	0.45237	-0.04530	0.00000	0.11345	0.84327
0.05000	0.20000	0.50000	0.34763	0.45237	-0.04530	1.00000	0.80000	0.84327
0.05000	0.20000	0.60000	0.34763	0.45237	-0.04530	1.00000	0.48655	0.84327
0.05000	0.20000	0.70000	0.34763	0.45237	-0.04530	1.00000	0.17310	0.84327
0.05000	0.20000	0.80000	0.34763	0.45237	-0.04530	1.00000	-0.14035	0.84327
0.05000	0.20000	0.90000	0.34763	0.45237	-0.04530	1.00000	-0.45381	0.84327
0.05000	0.20000	1.00000	0.34763	0.45237	-0.04530	1.00000	-0.76726	0.84327

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.10000	0.20000	0.00000	0.29763	0.50237	-0.02317	-1.00000	0.27877	0.70425
0.10000	0.20000	0.10000	0.29763	0.50237	-0.02317	-1.00000	-0.01698	0.70425
0.10000	0.20000	0.20000	0.29763	0.50237	-0.02317	-1.00000	-0.31274	0.70425
0.10000	0.20000	0.30000	0.29763	0.50237	-0.02317	-0.97683	-0.58532	0.70425
0.10000	0.20000	0.40000	0.29763	0.50237	-0.02317	0.00000	0.09575	0.70425
0.10000	0.20000	0.50000	0.29763	0.50237	-0.02317	0.97683	0.77683	0.70425
0.10000	0.20000	0.60000	0.29763	0.50237	-0.02317	1.00000	0.50425	0.70425
0.10000	0.20000	0.70000	0.29763	0.50237	-0.02317	1.00000	0.20849	0.70425
0.10000	0.20000	0.80000	0.29763	0.50237	-0.02317	1.00000	-0.08726	0.70425
0.10000	0.20000	0.90000	0.29763	0.50237	-0.02317	1.00000	-0.38302	0.70425
0.10000	0.20000	1.00000	0.29763	0.50237	-0.02317	1.00000	-0.67877	0.70425

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.20000	0.00000	0.24763	0.55237	-0.01557	-1.00000	0.22930	0.57121
0.15000	0.20000	0.10000	0.24763	0.55237	-0.01557	-1.00000	-0.05656	0.57121
0.15000	0.20000	0.20000	0.24763	0.55237	-0.01557	-1.00000	-0.34242	0.57121
0.15000	0.20000	0.30000	0.24763	0.55237	-0.01557	-0.65629	-0.28457	0.57121
0.15000	0.20000	0.40000	0.24763	0.55237	-0.01557	0.00000	0.08586	0.57121
0.15000	0.20000	0.50000	0.24763	0.55237	-0.01557	0.65629	0.45629	0.57121
0.15000	0.20000	0.60000	0.24763	0.55237	-0.01557	1.00000	0.51414	0.57121
0.15000	0.20000	0.70000	0.24763	0.55237	-0.01557	1.00000	0.22828	0.57121
0.15000	0.20000	0.80000	0.24763	0.55237	-0.01557	1.00000	-0.05758	0.57121
0.15000	0.20000	0.90000	0.24763	0.55237	-0.01557	1.00000	-0.34344	0.57121
0.15000	0.20000	1.00000	0.24763	0.55237	-0.01557	1.00000	-0.62930	0.57121

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.20000	0.00000	0.19763	0.60237	-0.01172	-1.00000	0.18197	0.44721
0.20000	0.20000	0.10000	0.19763	0.60237	-0.01172	-1.00000	-0.09442	0.44721
0.20000	0.20000	0.20000	0.19763	0.60237	-0.01172	-0.98828	-0.35909	0.44721
0.20000	0.20000	0.30000	0.19763	0.60237	-0.01172	-0.49414	-0.14135	0.44721
0.20000	0.20000	0.40000	0.19763	0.60237	-0.01172	0.00000	0.07639	0.44721
0.20000	0.20000	0.50000	0.19763	0.60237	-0.01172	0.49414	0.29414	0.44721
0.20000	0.20000	0.60000	0.19763	0.60237	-0.01172	0.98828	0.51188	0.44721
0.20000	0.20000	0.70000	0.19763	0.60237	-0.01172	1.00000	0.24721	0.44721
0.20000	0.20000	0.80000	0.19763	0.60237	-0.01172	1.00000	-0.02918	0.44721
0.20000	0.20000	0.90000	0.19763	0.60237	-0.01172	1.00000	-0.30558	0.44721
0.20000	0.20000	1.00000	0.19763	0.60237	-0.01172	1.00000	-0.58197	0.44721

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.20000	0.00000	0.14763	0.65237	-0.00940	-1.00000	0.12954	0.33523
0.25000	0.20000	0.10000	0.14763	0.65237	-0.00940	-1.00000	-0.13637	0.33523
0.25000	0.20000	0.20000	0.14763	0.65237	-0.00940	-0.79248	-0.19476	0.33523
0.25000	0.20000	0.30000	0.14763	0.65237	-0.00940	-0.39624	-0.06442	0.33523
0.25000	0.20000	0.40000	0.14763	0.65237	-0.00940	0.00000	0.06591	0.33523
0.25000	0.20000	0.50000	0.14763	0.65237	-0.00940	0.39624	0.19624	0.33523
0.25000	0.20000	0.60000	0.14763	0.65237	-0.00940	0.79248	0.32657	0.33523
0.25000	0.20000	0.70000	0.14763	0.65237	-0.00940	1.00000	0.26818	0.33523
0.25000	0.20000	0.80000	0.14763	0.65237	-0.00940	1.00000	0.00228	0.33523
0.25000	0.20000	0.90000	0.14763	0.65237	-0.00940	1.00000	-0.26363	0.33523
0.25000	0.20000	1.00000	0.14763	0.65237	-0.00940	1.00000	-0.52954	0.33523

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.30000	0.20000	0.00000	0.09763	0.70237	-0.00785	-1.00000	0.06959	0.23824
0.30000	0.20000	0.10000	0.09763	0.70237	-0.00785	-0.99215	-0.17648	0.23824
0.30000	0.20000	0.20000	0.09763	0.70237	-0.00785	-0.66144	-0.09968	0.23824
0.30000	0.20000	0.30000	0.09763	0.70237	-0.00785	-0.33072	-0.02288	0.23824
0.30000	0.20000	0.40000	0.09763	0.70237	-0.00785	0.00000	0.05392	0.23824
0.30000	0.20000	0.50000	0.09763	0.70237	-0.00785	0.33072	0.13072	0.23824
0.30000	0.20000	0.60000	0.09763	0.70237	-0.00785	0.66144	0.20752	0.23824
0.30000	0.20000	0.70000	0.09763	0.70237	-0.00785	0.99215	0.28432	0.23824
0.30000	0.20000	0.80000	0.09763	0.70237	-0.00785	1.00000	0.03824	0.23824
0.30000	0.20000	0.90000	0.09763	0.70237	-0.00785	1.00000	-0.21567	0.23824
0.30000	0.20000	1.00000	0.09763	0.70237	-0.00785	1.00000	-0.46959	0.23824

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.20000	0.00000	0.04763	0.75237	-0.00673	-1.00000	0.00109	0.15924
0.35000	0.20000	0.10000	0.04763	0.75237	-0.00673	-0.85137	-0.09050	0.15924
0.35000	0.20000	0.20000	0.04763	0.75237	-0.00673	-0.56758	-0.04693	0.15924
0.35000	0.20000	0.30000	0.04763	0.75237	-0.00673	-0.28379	-0.00335	0.15924
0.35000	0.20000	0.40000	0.04763	0.75237	-0.00673	0.00000	0.04022	0.15924
0.35000	0.20000	0.50000	0.04763	0.75237	-0.00673	0.28379	0.08379	0.15924
0.35000	0.20000	0.60000	0.04763	0.75237	-0.00673	0.56758	0.12736	0.15924
0.35000	0.20000	0.70000	0.04763	0.75237	-0.00673	0.85137	0.17094	0.15924
0.35000	0.20000	0.80000	0.04763	0.75237	-0.00673	1.00000	0.07934	0.15924
0.35000	0.20000	0.90000	0.04763	0.75237	-0.00673	1.00000	-0.16087	0.15924
0.35000	0.20000	1.00000	0.04763	0.75237	-0.00673	1.00000	-0.40109	0.15924

E/V 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.20000	0.00000	0.00000	0.80237	-0.00590	-0.99410	-0.07060	0.10120
0.40000	0.20000	0.10000	0.00000	0.80237	-0.00590	-0.74558	-0.04677	0.10120
0.40000	0.20000	0.20000	0.00000	0.80237	-0.00590	-0.49705	-0.02295	0.10120
0.40000	0.20000	0.30000	0.00000	0.80237	-0.00590	-0.24853	0.00088	0.10120
0.40000	0.20000	0.40000	0.00000	0.80237	-0.00590	0.00000	0.02470	0.10120
0.40000	0.20000	0.50000	0.00000	0.80237	-0.00590	0.24853	0.04853	0.10120
0.40000	0.20000	0.60000	0.00000	0.80237	-0.00590	0.49705	0.07235	0.10120
0.40000	0.20000	0.70000	0.00000	0.80237	-0.00590	0.74558	0.09618	0.10120
0.40000	0.20000	0.80000	0.00000	0.80237	-0.00590	0.99410	0.12000	0.10120
0.40000	0.20000	0.90000	0.00000	0.80237	-0.00590	1.00000	-0.09880	0.10120
0.40000	0.20000	1.00000	0.00000	0.80237	-0.00590	1.00000	-0.32350	0.10120

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.20000	0.00000	0.00000	0.85089	-0.00523	-0.88099	-0.03707	0.06047
0.45000	0.20000	0.10000	0.00000	0.85089	-0.00523	-0.65993	-0.02479	0.06047
0.45000	0.20000	0.20000	0.00000	0.85089	-0.00523	-0.43887	-0.01252	0.06047
0.45000	0.20000	0.30000	0.00000	0.85089	-0.00523	-0.21781	-0.00024	0.06047
0.45000	0.20000	0.40000	0.00000	0.85089	-0.00523	0.00325	0.01204	0.06047
0.45000	0.20000	0.50000	0.00000	0.85089	-0.00523	0.22431	0.02431	0.06047
0.45000	0.20000	0.60000	0.00000	0.85089	-0.00523	0.44538	0.03659	0.06047
0.45000	0.20000	0.70000	0.00000	0.85089	-0.00523	0.66644	0.04887	0.06047
0.45000	0.20000	0.80000	0.00000	0.85089	-0.00523	0.88750	0.06115	0.06047
0.45000	0.20000	0.90000	0.00000	0.85089	-0.00523	1.00000	-0.03514	0.06047
0.45000	0.20000	1.00000	0.00000	0.85089	-0.00523	1.00000	-0.24392	0.06047

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.50000	0.20000	0.00000	0.00000	0.89677	-0.00466	-0.78518	-0.01615	0.03097
0.50000	0.20000	0.10000	0.00000	0.89677	-0.00466	-0.58611	-0.01089	0.03097
0.50000	0.20000	0.20000	0.00000	0.89677	-0.00466	-0.38704	-0.00563	0.03097
0.50000	0.20000	0.30000	0.00000	0.89677	-0.00466	-0.18797	-0.00036	0.03097
0.50000	0.20000	0.40000	0.00000	0.89677	-0.00466	0.01109	0.00490	0.03097
0.50000	0.20000	0.50000	0.00000	0.89677	-0.00466	0.21016	0.01016	0.03097
0.50000	0.20000	0.60000	0.00000	0.89677	-0.00466	0.40923	0.01543	0.03097
0.50000	0.20000	0.70000	0.00000	0.89677	-0.00466	0.60830	0.02069	0.03097
0.50000	0.20000	0.80000	0.00000	0.89677	-0.00466	0.80737	0.02595	0.03097
0.50000	0.20000	0.90000	0.00000	0.89677	-0.00466	1.00000	0.02478	0.03097
0.50000	0.20000	1.00000	0.00000	0.89677	-0.00466	1.00000	-0.16903	0.03097

E/Y 168,60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0,02500	0,30000	0,00000	0,32292	0,37708	-0,07667	-1,00000	0,30245	0,91988
0,02500	0,30000	0,10000	0,32292	0,37708	-0,07667	-1,00000	-0,01804	0,91988
0,02500	0,30000	0,20000	0,32292	0,37708	-0,07667	-1,00000	-0,33853	0,91988
0,02500	0,30000	0,30000	0,32292	0,37708	-0,07667	-1,00000	-0,65902	0,91988
0,02500	0,30000	0,40000	0,32292	0,37708	-0,07667	1,00000	1,02049	0,91988
0,02500	0,30000	0,50000	0,32292	0,37708	-0,07667	1,00000	0,70000	0,91988
0,02500	0,30000	0,60000	0,32292	0,37708	-0,07667	1,00000	0,37951	0,91988
0,02500	0,30000	0,70000	0,32292	0,37708	-0,07667	1,00000	0,05902	0,91988
0,02500	0,30000	0,80000	0,32292	0,37708	-0,07667	1,00000	-0,26147	0,91988
0,02500	0,30000	0,90000	0,32292	0,37708	-0,07667	1,00000	-0,58196	0,91988
0,02500	0,30000	1,00000	0,32292	0,37708	-0,07667	1,00000	-0,90245	0,91988

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.05000	0.30000	0.00000	0.29792	0.40208	-0.03986	-1.00000	0.17184	0.85282
0.05000	0.30000	0.10000	0.29792	0.40208	-0.03986	-1.00000	-0.12252	0.85282
0.05000	0.30000	0.20000	0.29792	0.40208	-0.03986	-1.00000	-0.41689	0.85282
0.05000	0.30000	0.30000	0.29792	0.40208	-0.03986	-0.96014	-0.67140	0.85282
0.05000	0.30000	0.40000	0.29792	0.40208	-0.03986	0.96014	0.95451	0.85282
0.05000	0.30000	0.50000	0.29792	0.40208	-0.03986	1.00000	0.70000	0.85282
0.05000	0.30000	0.60000	0.29792	0.40208	-0.03986	1.00000	0.40563	0.85282
0.05000	0.30000	0.70000	0.29792	0.40208	-0.03986	1.00000	0.11126	0.85282
0.05000	0.30000	0.80000	0.29792	0.40208	-0.03986	1.00000	-0.18311	0.85282
0.05000	0.30000	0.90000	0.29792	0.40208	-0.03986	1.00000	-0.47748	0.85282
0.05000	0.30000	1.00000	0.29792	0.40208	-0.03986	1.00000	-0.77184	0.85282

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.10000	0.30000	0.00000	0.24792	0.45208	-0.02034	-1.00000	0.09486	0.72103
0.10000	0.30000	0.10000	0.24792	0.45208	-0.02034	-1.00000	-0.18412	0.72103
0.10000	0.30000	0.20000	0.24792	0.45208	-0.02034	-1.00000	-0.46309	0.72103
0.10000	0.30000	0.30000	0.24792	0.45208	-0.02034	-0.48983	-0.23189	0.72103
0.10000	0.30000	0.40000	0.24792	0.45208	-0.02034	0.48983	0.46880	0.72103
0.10000	0.30000	0.50000	0.24792	0.45208	-0.02034	1.00000	0.70000	0.72103
0.10000	0.30000	0.60000	0.24792	0.45208	-0.02034	1.00000	0.42103	0.72103
0.10000	0.30000	0.70000	0.24792	0.45208	-0.02034	1.00000	0.14206	0.72103
0.10000	0.30000	0.80000	0.24792	0.45208	-0.02034	1.00000	-0.13691	0.72103
0.10000	0.30000	0.90000	0.24792	0.45208	-0.02034	1.00000	-0.41588	0.72103
0.10000	0.30000	1.00000	0.24792	0.45208	-0.02034	1.00000	-0.69486	0.72103

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.30000	0.00000	0.19792	0.50208	-0.01365	-1.00000	0.04915	0.59525
0.15000	0.30000	0.10000	0.19792	0.50208	-0.01365	-1.00000	-0.22068	0.59525
0.15000	0.30000	0.20000	0.19792	0.50208	-0.01365	-0.98635	-0.47686	0.59525
0.15000	0.30000	0.30000	0.19792	0.50208	-0.01365	-0.32878	-0.08912	0.59525
0.15000	0.30000	0.40000	0.19792	0.50208	-0.01365	0.32878	0.29861	0.59525
0.15000	0.30000	0.50000	0.19792	0.50208	-0.01365	0.98635	0.68635	0.59525
0.15000	0.30000	0.60000	0.19792	0.50208	-0.01365	1.00000	0.43017	0.59525
0.15000	0.30000	0.70000	0.19792	0.50208	-0.01365	1.00000	0.16034	0.59525
0.15000	0.30000	0.80000	0.19792	0.50208	-0.01365	1.00000	-0.10949	0.59525
0.15000	0.30000	0.90000	0.19792	0.50208	-0.01365	1.00000	-0.37932	0.59525
0.15000	0.30000	1.00000	0.19792	0.50208	-0.01365	1.00000	-0.64915	0.59525

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.30000	0.00000	0.14792	0.55208	-0.01027	-1.00000	0.00370	0.47852
0.20000	0.30000	0.10000	0.14792	0.55208	-0.01027	-1.00000	-0.25704	0.47852
0.20000	0.30000	0.20000	0.14792	0.55208	-0.01027	-0.74230	-0.26007	0.47852
0.20000	0.30000	0.30000	0.14792	0.55208	-0.01027	-0.24743	-0.02595	0.47852
0.20000	0.30000	0.40000	0.14792	0.55208	-0.01027	0.24743	0.20817	0.47852
0.20000	0.30000	0.50000	0.14792	0.55208	-0.01027	0.74230	0.44230	0.47852
0.20000	0.30000	0.60000	0.14792	0.55208	-0.01027	1.00000	0.43926	0.47852
0.20000	0.30000	0.70000	0.14792	0.55208	-0.01027	1.00000	0.17852	0.47852
0.20000	0.30000	0.80000	0.14792	0.55208	-0.01027	1.00000	-0.08222	0.47852
0.20000	0.30000	0.90000	0.14792	0.55208	-0.01027	1.00000	-0.34296	0.47852
0.20000	0.30000	1.00000	0.14792	0.55208	-0.01027	1.00000	-0.60370	0.47852

E/V 168.60000

RY/ET	P/V	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.30000	0.00000	0.09792	0.60208	-0.00824	-1.00000	-0.04761	0.37381
0.25000	0.30000	0.10000	0.09792	0.60208	-0.00824	-0.99176	-0.28985	0.37381
0.25000	0.30000	0.20000	0.09792	0.60208	-0.00824	-0.95506	-0.14363	0.37381
0.25000	0.30000	0.30000	0.09792	0.60208	-0.00824	-0.19835	0.00260	0.37381
0.25000	0.30000	0.40000	0.09792	0.60208	-0.00824	0.19835	0.14883	0.37381
0.25000	0.30000	0.50000	0.09792	0.60208	-0.00824	0.59506	0.29506	0.37381
0.25000	0.30000	0.60000	0.09792	0.60208	-0.00824	0.99176	0.44129	0.37381
0.25000	0.30000	0.70000	0.09792	0.60208	-0.00824	1.00000	0.19904	0.37381
0.25000	0.30000	0.80000	0.09792	0.60208	-0.00824	1.00000	-0.05143	0.37381
0.25000	0.30000	0.90000	0.09792	0.60208	-0.00824	1.00000	-0.30191	0.37381
0.25000	0.30000	1.00000	0.09792	0.60208	-0.00824	1.00000	-0.55239	0.37381

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.30000	0.30000	0.00000	0.04792	0.65208	-0.00687	-1.00000	-0.10682	0.28409
0.30000	0.30000	0.10000	0.04792	0.65208	-0.00687	-0.82761	-0.17306	0.28409
0.30000	0.30000	0.20000	0.04792	0.65208	-0.00687	-0.49656	-0.08066	0.28409
0.30000	0.30000	0.30000	0.04792	0.65208	-0.00687	-0.16552	0.01175	0.28409
0.30000	0.30000	0.40000	0.04792	0.65208	-0.00687	0.16552	0.10416	0.28409
0.30000	0.30000	0.50000	0.04792	0.65208	-0.00687	0.49656	0.19656	0.28409
0.30000	0.30000	0.60000	0.04792	0.65208	-0.00687	0.82761	0.28897	0.28409
0.30000	0.30000	0.70000	0.04792	0.65208	-0.00687	1.00000	0.22273	0.28409
0.30000	0.30000	0.80000	0.04792	0.65208	-0.00687	1.00000	-0.01591	0.28409
0.30000	0.30000	0.90000	0.04792	0.65208	-0.00687	1.00000	-0.25454	0.28409
0.30000	0.30000	1.00000	0.04792	0.65208	-0.00687	1.00000	-0.49318	0.28409

E/Y 168.60000

RY/EY	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.30000	0.00000	0.00000	0.70208	-0.00590	-0.99410	-0.16891	0.21237
0.35000	0.30000	0.10000	0.00000	0.70208	-0.00590	-0.71007	-0.10992	0.21237
0.35000	0.30000	0.20000	0.00000	0.70208	-0.00590	-0.42604	-0.05093	0.21237
0.35000	0.30000	0.30000	0.00000	0.70208	-0.00590	-0.14201	0.00806	0.21237
0.35000	0.30000	0.40000	0.00000	0.70208	-0.00590	0.14201	0.06705	0.21237
0.35000	0.30000	0.50000	0.00000	0.70208	-0.00590	0.42604	0.12604	0.21237
0.35000	0.30000	0.60000	0.00000	0.70208	-0.00590	0.71007	0.18504	0.21237
0.35000	0.30000	0.70000	0.00000	0.70208	-0.00590	0.99410	0.24403	0.21237
0.35000	0.30000	0.80000	0.00000	0.70208	-0.00590	1.00000	0.02489	0.21237
0.35000	0.30000	0.90000	0.00000	0.70208	-0.00590	1.00000	-0.20015	0.21237
0.35000	0.30000	1.00000	0.00000	0.70208	-0.00590	1.00000	-0.42519	0.21237

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.30000	0.00000	0.00000	0.75040	-0.00514	-0.86635	-0.11100	0.15572
0.40000	0.30000	0.10000	0.00000	0.75040	-0.00514	-0.61764	-0.07336	0.15572
0.40000	0.30000	0.20000	0.00000	0.75040	-0.00514	-0.36892	-0.03571	0.15572
0.40000	0.30000	0.30000	0.00000	0.75040	-0.00514	-0.12021	0.00193	0.15572
0.40000	0.30000	0.40000	0.00000	0.75040	-0.00514	0.12851	0.03958	0.15572
0.40000	0.30000	0.50000	0.00000	0.75040	-0.00514	0.37722	0.07722	0.15572
0.40000	0.30000	0.60000	0.00000	0.75040	-0.00514	0.62594	0.11487	0.15572
0.40000	0.30000	0.70000	0.00000	0.75040	-0.00514	0.87465	0.15251	0.15572
0.40000	0.30000	0.80000	0.00000	0.75040	-0.00514	1.00000	0.06679	0.15572
0.40000	0.30000	0.90000	0.00000	0.75040	-0.00514	1.00000	-0.14428	0.15572
0.40000	0.30000	1.00000	0.00000	0.75040	-0.00514	1.00000	-0.35535	0.15572

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.30000	0.00000	0.00000	0.79576	-0.00451	-0.76039	-0.07018	0.10881
0.45000	0.30000	0.10000	0.00000	0.79576	-0.00451	-0.53917	-0.04700	0.10881
0.45000	0.30000	0.20000	0.00000	0.79576	-0.00451	-0.31795	-0.02382	0.10881
0.45000	0.30000	0.30000	0.00000	0.79576	-0.00451	-0.09673	-0.00065	0.10881
0.45000	0.30000	0.40000	0.00000	0.79576	-0.00451	0.12449	0.02253	0.10881
0.45000	0.30000	0.50000	0.00000	0.79576	-0.00451	0.34571	0.04571	0.10881
0.45000	0.30000	0.60000	0.00000	0.79576	-0.00451	0.56693	0.06889	0.10881
0.45000	0.30000	0.70000	0.00000	0.79576	-0.00451	0.78815	0.09207	0.10881
0.45000	0.30000	0.80000	0.00000	0.79576	-0.00451	1.00000	0.10588	0.10881
0.45000	0.30000	0.90000	0.00000	0.79576	-0.00451	1.00000	-0.09217	0.10881
0.45000	0.30000	1.00000	0.00000	0.79576	-0.00451	1.00000	-0.29021	0.10881

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.50000	0.30000	0.00000	0.00000	0.83866	-0.00398	-0.67064	-0.04172	0.07108
0.50000	0.30000	0.10000	0.00000	0.83866	-0.00398	-0.47144	-0.02830	0.07108
0.50000	0.30000	0.20000	0.00000	0.83866	-0.00398	-0.27223	-0.01488	0.07108
0.50000	0.30000	0.30000	0.00000	0.83866	-0.00398	-0.07303	-0.00146	0.07108
0.50000	0.30000	0.40000	0.00000	0.83866	-0.00398	0.12618	0.01196	0.07108
0.50000	0.30000	0.50000	0.00000	0.83866	-0.00398	0.32538	0.02538	0.07108
0.50000	0.30000	0.60000	0.00000	0.83866	-0.00398	0.52458	0.03880	0.07108
0.50000	0.30000	0.70000	0.00000	0.83866	-0.00398	0.72379	0.05222	0.07108
0.50000	0.30000	0.80000	0.00000	0.83866	-0.00398	0.92299	0.06564	0.07108
0.50000	0.30000	0.90000	0.00000	0.83866	-0.00398	1.00000	-0.04314	0.07108
0.50000	0.30000	1.00000	0.00000	0.83866	-0.00398	1.00000	-0.22892	0.07108

E/V 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.02500	0.40000	0.00000	0.27322	0.32678	-0.06645	-1.00000	0.04933	0.92753
0.02500	0.40000	0.10000	0.27322	0.32678	-0.06645	-1.00000	-0.24053	0.92753
0.02500	0.40000	0.20000	0.27322	0.32678	-0.06645	-1.00000	-0.53040	0.92753
0.02500	0.40000	0.30000	0.27322	0.32678	-0.06645	0.00000	0.17973	0.92753
0.02500	0.40000	0.40000	0.27322	0.32678	-0.06645	1.00000	0.88987	0.92753
0.02500	0.40000	0.50000	0.27322	0.32678	-0.06645	1.00000	0.60000	0.92753
0.02500	0.40000	0.60000	0.27322	0.32678	-0.06645	1.00000	0.31013	0.92753
0.02500	0.40000	0.70000	0.27322	0.32678	-0.06645	1.00000	0.02027	0.92753
0.02500	0.40000	0.80000	0.27322	0.32678	-0.06645	1.00000	-0.26960	0.92753
0.02500	0.40000	0.90000	0.27322	0.32678	-0.06645	1.00000	-0.55947	0.92753
0.02500	0.40000	1.00000	0.27322	0.32678	-0.06645	1.00000	-0.84933	0.92753

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.05000	0.40000	0.00000	0.24822	0.35178	-0.03436	-1.00000	-0.05528	0.86553
0.05000	0.40000	0.10000	0.24822	0.35178	-0.03436	-1.00000	-0.32422	0.86553
0.05000	0.40000	0.20000	0.24822	0.35178	-0.03436	-1.00000	-0.59317	0.86553
0.05000	0.40000	0.30000	0.24822	0.35178	-0.03436	0.00000	0.13789	0.86553
0.05000	0.40000	0.40000	0.24822	0.35178	-0.03436	1.00000	0.86894	0.86553
0.05000	0.40000	0.50000	0.24822	0.35178	-0.03436	1.00000	0.60000	0.86553
0.05000	0.40000	0.60000	0.24822	0.35178	-0.03436	1.00000	0.33106	0.86553
0.05000	0.40000	0.70000	0.24822	0.35178	-0.03436	1.00000	0.06211	0.86553
0.05000	0.40000	0.80000	0.24822	0.35178	-0.03436	1.00000	-0.20683	0.86553
0.05000	0.40000	0.90000	0.24822	0.35178	-0.03436	1.00000	-0.47578	0.86553
0.05000	0.40000	1.00000	0.24822	0.35178	-0.03436	1.00000	-0.74472	0.86553

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.10000	0.40000	0.00000	0.19822	0.40178	-0.01748	-1.00000	-0.11982	0.74396
0.10000	0.40000	0.10000	0.19822	0.40178	-0.01748	-1.00000	-0.37586	0.74396
0.10000	0.40000	0.20000	0.19822	0.40178	-0.01748	-0.98252	-0.61441	0.74396
0.10000	0.40000	0.30000	0.19822	0.40178	-0.01748	0.00000	0.11207	0.74396
0.10000	0.40000	0.40000	0.19822	0.40178	-0.01748	0.98252	0.83855	0.74396
0.10000	0.40000	0.50000	0.19822	0.40178	-0.01748	1.00000	0.60000	0.74396
0.10000	0.40000	0.60000	0.19822	0.40178	-0.01748	1.00000	0.34396	0.74396
0.10000	0.40000	0.70000	0.19822	0.40178	-0.01748	1.00000	0.08793	0.74396
0.10000	0.40000	0.80000	0.19822	0.40178	-0.01748	1.00000	-0.16811	0.74396
0.10000	0.40000	0.90000	0.19822	0.40178	-0.01748	1.00000	-0.42414	0.74396
0.10000	0.40000	1.00000	0.19822	0.40178	-0.01748	1.00000	-0.68018	0.74396

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.40000	0.00000	0.14822	0.45178	-0.01172	-1.00000	-0.16144	0.62843
0.15000	0.40000	0.10000	0.14822	0.45178	-0.01172	-1.00000	-0.40915	0.62843
0.15000	0.40000	0.20000	0.14822	0.45178	-0.01172	-0.65885	-0.31572	0.62843
0.15000	0.40000	0.30000	0.14822	0.45178	-0.01172	0.00000	0.09542	0.62843
0.15000	0.40000	0.40000	0.14822	0.45178	-0.01172	0.65885	0.50656	0.62843
0.15000	0.40000	0.50000	0.14822	0.45178	-0.01172	1.00000	0.60000	0.62843
0.15000	0.40000	0.60000	0.14822	0.45178	-0.01172	1.00000	0.35229	0.62843
0.15000	0.40000	0.70000	0.14822	0.45178	-0.01172	1.00000	0.10458	0.62843
0.15000	0.40000	0.80000	0.14822	0.45178	-0.01172	1.00000	-0.14314	0.62843
0.15000	0.40000	0.90000	0.14822	0.45178	-0.01172	1.00000	-0.39085	0.62843
0.15000	0.40000	1.00000	0.14822	0.45178	-0.01172	1.00000	-0.63856	0.62843

E/Y 168,60000

RV/ET	P/Y	b/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.40000	0.00000	0.09822	0.50178	-0.00882	-1.00000	-0.20487	0.52195
0.20000	0.40000	0.10000	0.09822	0.50178	-0.00882	-0.99118	-0.43507	0.52195
0.20000	0.40000	0.20000	0.09822	0.50178	-0.00882	-0.49559	-0.17851	0.52195
0.20000	0.40000	0.30000	0.09822	0.50178	-0.00882	0.00000	0.07805	0.52195
0.20000	0.40000	0.40000	0.09822	0.50178	-0.00882	0.49559	0.33462	0.52195
0.20000	0.40000	0.50000	0.09822	0.50178	-0.00882	0.99118	0.59118	0.52195
0.20000	0.40000	0.60000	0.09822	0.50178	-0.00882	1.00000	0.36097	0.52195
0.20000	0.40000	0.70000	0.09822	0.50178	-0.00882	1.00000	0.12195	0.52195
0.20000	0.40000	0.80000	0.09822	0.50178	-0.00882	1.00000	-0.11708	0.52195
0.20000	0.40000	0.90000	0.09822	0.50178	-0.00882	1.00000	-0.35611	0.52195
0.20000	0.40000	1.00000	0.09822	0.50178	-0.00882	1.00000	-0.59513	0.52195

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.40000	0.00000	0.04822	0.55178	-0.00707	-1.00000	-0.25498	0.42749
0.25000	0.40000	0.10000	0.04822	0.55178	-0.00707	-0.79435	-0.27833	0.42749
0.25000	0.40000	0.20000	0.04822	0.55178	-0.00707	-0.39717	-0.11016	0.42749
0.25000	0.40000	0.30000	0.04822	0.55178	-0.00707	0.00000	0.05801	0.42749
0.25000	0.40000	0.40000	0.04822	0.55178	-0.00707	0.39717	0.22618	0.42749
0.25000	0.40000	0.50000	0.04822	0.55178	-0.00707	0.79435	0.39435	0.42749
0.25000	0.40000	0.60000	0.04822	0.55178	-0.00707	1.00000	0.37100	0.42749
0.25000	0.40000	0.70000	0.04822	0.55178	-0.00707	1.00000	0.14199	0.42749
0.25000	0.40000	0.80000	0.04822	0.55178	-0.00707	1.00000	-0.08701	0.42749
0.25000	0.40000	0.90000	0.04822	0.55178	-0.00707	1.00000	-0.31602	0.42749
0.25000	0.40000	1.00000	0.04822	0.55178	-0.00707	1.00000	-0.54502	0.42749

E/V 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.30000	0.40000	0.00000	0.00000	0.60178	-0.00590	-0.99410	-0.30751	0.34804
0.30000	0.40000	0.10000	0.00000	0.60178	-0.00590	-0.66274	-0.19346	0.34804
0.30000	0.40000	0.20000	0.00000	0.60178	-0.00590	-0.33137	-0.07941	0.34804
0.30000	0.40000	0.30000	0.00000	0.60178	-0.00590	0.00000	0.03464	0.34804
0.30000	0.40000	0.40000	0.00000	0.60178	-0.00590	0.33137	0.14869	0.34804
0.30000	0.40000	0.50000	0.00000	0.60178	-0.00590	0.66274	0.26274	0.34804
0.30000	0.40000	0.60000	0.00000	0.60178	-0.00590	0.99410	0.37678	0.34804
0.30000	0.40000	0.70000	0.00000	0.60178	-0.00590	1.00000	0.16536	0.34804
0.30000	0.40000	0.80000	0.00000	0.60178	-0.00590	1.00000	-0.05196	0.34804
0.30000	0.40000	0.90000	0.00000	0.60178	-0.00590	1.00000	-0.26928	0.34804
0.30000	0.40000	1.00000	0.00000	0.60178	-0.00590	1.00000	-0.48660	0.34804

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.40000	0.00000	0.00000	0.64984	-0.00503	-0.84736	-0.22085	0.28145
0.35000	0.40000	0.10000	0.00000	0.64984	-0.00503	-0.56308	-0.14188	0.28145
0.35000	0.40000	0.20000	0.00000	0.64984	-0.00503	-0.27880	-0.06290	0.28145
0.35000	0.40000	0.30000	0.00000	0.64984	-0.00503	0.00548	0.01608	0.28145
0.35000	0.40000	0.40000	0.00000	0.64984	-0.00503	0.28975	0.09505	0.28145
0.35000	0.40000	0.50000	0.00000	0.64984	-0.00503	0.57403	0.17403	0.28145
0.35000	0.40000	0.60000	0.00000	0.64984	-0.00503	0.85831	0.25301	0.28145
0.35000	0.40000	0.70000	0.00000	0.64984	-0.00503	1.00000	0.18940	0.28145
0.35000	0.40000	0.80000	0.00000	0.64984	-0.00503	1.00000	-0.01590	0.28145
0.35000	0.40000	0.90000	0.00000	0.64984	-0.00503	1.00000	-0.22121	0.28145
0.35000	0.40000	1.00000	0.00000	0.64984	-0.00503	1.00000	-0.42651	0.28145

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.40000	0.00000	0.00000	0.69456	-0.00432	-0.72889	-0.15778	0.22312
0.40000	0.40000	0.10000	0.00000	0.69456	-0.00432	-0.47997	-0.10308	0.22312
0.40000	0.40000	0.20000	0.00000	0.69456	-0.00432	-0.23105	-0.04839	0.22312
0.40000	0.40000	0.30000	0.00000	0.69456	-0.00432	0.01787	0.00631	0.22312
0.40000	0.40000	0.40000	0.00000	0.69456	-0.00432	0.26679	0.06101	0.22312
0.40000	0.40000	0.50000	0.00000	0.69456	-0.00432	0.51571	0.11571	0.22312
0.40000	0.40000	0.60000	0.00000	0.69456	-0.00432	0.76463	0.17041	0.22312
0.40000	0.40000	0.70000	0.00000	0.69456	-0.00432	1.00000	0.21156	0.22312
0.40000	0.40000	0.80000	0.00000	0.69456	-0.00432	1.00000	0.01734	0.22312
0.40000	0.40000	0.90000	0.00000	0.69456	-0.00432	1.00000	-0.17688	0.22312
0.40000	0.40000	1.00000	0.00000	0.69456	-0.00432	1.00000	-0.37110	0.22312

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.40000	0.00000	0.00000	0.73654	-0.00374	-0.63063	-0.11119	0.17251
0.45000	0.40000	0.10000	0.00000	0.73654	-0.00374	-0.40923	-0.07369	0.17251
0.45000	0.40000	0.20000	0.00000	0.73654	-0.00374	-0.18784	-0.03618	0.17251
0.45000	0.40000	0.30000	0.00000	0.73654	-0.00374	0.03355	0.00132	0.17251
0.45000	0.40000	0.40000	0.00000	0.73654	-0.00374	0.25494	0.03883	0.17251
0.45000	0.40000	0.50000	0.00000	0.73654	-0.00374	0.47633	0.07633	0.17251
0.45000	0.40000	0.60000	0.00000	0.73654	-0.00374	0.69772	0.11383	0.17251
0.45000	0.40000	0.70000	0.00000	0.73654	-0.00374	0.91911	0.15134	0.17251
0.45000	0.40000	0.80000	0.00000	0.73654	-0.00374	1.00000	0.04834	0.17251
0.45000	0.40000	0.90000	0.00000	0.73654	-0.00374	1.00000	-0.13555	0.17251
0.45000	0.40000	1.00000	0.00000	0.73654	-0.00374	1.00000	-0.31943	0.17251

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.50000	0.40000	0.00000	0.00000	0.77623	-0.00325	-0.54741	-0.07658	0.12917
0.50000	0.40000	0.10000	0.00000	0.77623	-0.00325	-0.34806	-0.05139	0.12917
0.50000	0.40000	0.20000	0.00000	0.77623	-0.00325	-0.14871	-0.02621	0.12917
0.50000	0.40000	0.30000	0.00000	0.77623	-0.00325	0.05064	-0.00103	0.12917
0.50000	0.40000	0.40000	0.00000	0.77623	-0.00325	0.24999	0.02416	0.12917
0.50000	0.40000	0.50000	0.00000	0.77623	-0.00325	0.44934	0.04934	0.12917
0.50000	0.40000	0.60000	0.00000	0.77623	-0.00325	0.64869	0.07453	0.12917
0.50000	0.40000	0.70000	0.00000	0.77623	-0.00325	0.84804	0.09971	0.12917
0.50000	0.40000	0.80000	0.00000	0.77623	-0.00325	1.00000	0.07750	0.12917
0.50000	0.40000	0.90000	0.00000	0.77623	-0.00325	1.00000	-0.09666	0.12917
0.50000	0.40000	1.00000	0.00000	0.77623	-0.00325	1.00000	-0.27083	0.12917

E/Y 168.60000

RV/ET	P/V	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.02500	0.50000	0.00000	0.22352	0.27648	-0.05599	-1.00000	-0.23635	0.93682
0.02500	0.50000	0.10000	0.22352	0.27648	-0.05599	-1.00000	-0.48908	0.93682
0.02500	0.50000	0.20000	0.22352	0.27648	-0.05599	-1.00000	-0.74181	0.93682
0.02500	0.50000	0.30000	0.22352	0.27648	-0.05599	1.00000	1.00546	0.93682
0.02500	0.50000	0.40000	0.22352	0.27648	-0.05599	1.00000	0.75273	0.93682
0.02500	0.50000	0.50000	0.22352	0.27648	-0.05599	1.00000	0.50000	0.93682
0.02500	0.50000	0.60000	0.22352	0.27648	-0.05599	1.00000	0.24727	0.93682
0.02500	0.50000	0.70000	0.22352	0.27648	-0.05599	1.00000	-0.00546	0.93682
0.02500	0.50000	0.80000	0.22352	0.27648	-0.05599	1.00000	-0.25819	0.93682
0.02500	0.50000	0.90000	0.22352	0.27648	-0.05599	1.00000	-0.51092	0.93682
0.02500	0.50000	1.00000	0.22352	0.27648	-0.05599	1.00000	-0.76365	0.93682

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.05000	0.50000	0.00000	0.19852	0.30148	-0.02880	-1.00000	-0.31374	0.88137
0.05000	0.50000	0.10000	0.19852	0.30148	-0.02880	-1.00000	-0.55099	0.88137
0.05000	0.50000	0.20000	0.19852	0.30148	-0.02880	-0.97120	-0.75944	0.88137
0.05000	0.50000	0.30000	0.19852	0.30148	-0.02880	0.97120	0.94570	0.88137
0.05000	0.50000	0.40000	0.19852	0.30148	-0.02880	1.00000	0.73725	0.88137
0.05000	0.50000	0.50000	0.19852	0.30148	-0.02880	1.00000	0.50000	0.88137
0.05000	0.50000	0.60000	0.19852	0.30148	-0.02880	1.00000	0.26275	0.88137
0.05000	0.50000	0.70000	0.19852	0.30148	-0.02880	1.00000	0.02550	0.88137
0.05000	0.50000	0.80000	0.19852	0.30148	-0.02880	1.00000	-0.21176	0.88137
0.05000	0.50000	0.90000	0.19852	0.30148	-0.02880	1.00000	-0.44901	0.88137
0.05000	0.50000	1.00000	0.19852	0.30148	-0.02880	1.00000	-0.68626	0.88137

E/Y 168,60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0,10000	0,50000	0,00000	0,14852	0,35148	-0,01461	-1,00000	-0,36516	0,77303
0,10000	0,50000	0,10000	0,14852	0,35148	-0,01461	-1,00000	-0,59213	0,77303
0,10000	0,50000	0,20000	0,14852	0,35148	-0,01461	-0,49269	-0,31179	0,77303
0,10000	0,50000	0,30000	0,14852	0,35148	-0,01461	0,49269	0,44663	0,77303
0,10000	0,50000	0,40000	0,14852	0,35148	-0,01461	1,00000	0,72697	0,77303
0,10000	0,50000	0,50000	0,14852	0,35148	-0,01461	1,00000	0,50000	0,77303
0,10000	0,50000	0,60000	0,14852	0,35148	-0,01461	1,00000	0,27303	0,77303
0,10000	0,50000	0,70000	0,14852	0,35148	-0,01461	1,00000	0,04606	0,77303
0,10000	0,50000	0,80000	0,14852	0,35148	-0,01461	1,00000	-0,18090	0,77303
0,10000	0,50000	0,90000	0,14852	0,35148	-0,01461	1,00000	-0,40787	0,77303
0,10000	0,50000	1,00000	0,14852	0,35148	-0,01461	1,00000	-0,63484	0,77303

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.50000	0.00000	0.09852	0.40148	-0.00979	-1.00000	-0.40247	0.67074
0.15000	0.50000	0.10000	0.09852	0.40148	-0.00979	-0.99021	-0.61219	0.67074
0.15000	0.50000	0.20000	0.09852	0.40148	-0.00979	-0.33007	-0.17155	0.67074
0.15000	0.50000	0.30000	0.09852	0.40148	-0.00979	0.33007	0.26908	0.67074
0.15000	0.50000	0.40000	0.09852	0.40148	-0.00979	0.99021	0.70972	0.67074
0.15000	0.50000	0.50000	0.09852	0.40148	-0.00979	1.00000	0.50000	0.67074
0.15000	0.50000	0.60000	0.09852	0.40148	-0.00979	1.00000	0.28049	0.67074
0.15000	0.50000	0.70000	0.09852	0.40148	-0.00979	1.00000	0.06099	0.67074
0.15000	0.50000	0.80000	0.09852	0.40148	-0.00979	1.00000	-0.15852	0.67074
0.15000	0.50000	0.90000	0.09852	0.40148	-0.00979	1.00000	-0.37802	0.67074
0.15000	0.50000	1.00000	0.09852	0.40148	-0.00979	1.00000	-0.59753	0.67074

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.50000	0.00000	0.04852	0.45148	-0.00736	-1.00000	-0.44376	0.57750
0.20000	0.50000	0.10000	0.04852	0.45148	-0.00736	-0.74448	-0.39949	0.57750
0.20000	0.50000	0.20000	0.04852	0.45148	-0.00736	-0.24816	-0.11442	0.57750
0.20000	0.50000	0.30000	0.04852	0.45148	-0.00736	0.24816	0.17066	0.57750
0.20000	0.50000	0.40000	0.04852	0.45148	-0.00736	0.74448	0.45573	0.57750
0.20000	0.50000	0.50000	0.04852	0.45148	-0.00736	1.00000	0.50000	0.57750
0.20000	0.50000	0.60000	0.04852	0.45148	-0.00736	1.00000	0.28875	0.57750
0.20000	0.50000	0.70000	0.04852	0.45148	-0.00736	1.00000	0.07750	0.57750
0.20000	0.50000	0.80000	0.04852	0.45148	-0.00736	1.00000	-0.13374	0.57750
0.20000	0.50000	0.90000	0.04852	0.45148	-0.00736	1.00000	-0.34499	0.57750
0.20000	0.50000	1.00000	0.04852	0.45148	-0.00736	1.00000	-0.55624	0.57750

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.50000	0.00000	0.00000	0.50148	-0.00590	-0.99410	-0.48672	0.49631
0.25000	0.50000	0.10000	0.00000	0.50148	-0.00590	-0.59646	-0.29055	0.49631
0.25000	0.50000	0.20000	0.00000	0.50148	-0.00590	-0.19882	-0.09439	0.49631
0.25000	0.50000	0.30000	0.00000	0.50148	-0.00590	0.19882	0.10178	0.49631
0.25000	0.50000	0.40000	0.00000	0.50148	-0.00590	0.59646	0.29794	0.49631
0.25000	0.50000	0.50000	0.00000	0.50148	-0.00590	0.99410	0.49410	0.49631
0.25000	0.50000	0.60000	0.00000	0.50148	-0.00590	1.00000	0.29852	0.49631
0.25000	0.50000	0.70000	0.00000	0.50148	-0.00590	1.00000	0.09704	0.49631
0.25000	0.50000	0.80000	0.00000	0.50148	-0.00590	1.00000	-0.10443	0.49631
0.25000	0.50000	0.90000	0.00000	0.50148	-0.00590	1.00000	-0.30591	0.49631
0.25000	0.50000	1.00000	0.00000	0.50148	-0.00590	1.00000	-0.50739	0.49631

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0,30000	0,50000	0,00000	0,00000	0,54919	-0,00487	-0,82172	-0,36461	0,42573
0,30000	0,50000	0,10000	0,00000	0,54919	-0,00487	-0,49001	-0,22432	0,42573
0,30000	0,50000	0,20000	0,00000	0,54919	-0,00487	-0,15830	-0,08403	0,42573
0,30000	0,50000	0,30000	0,00000	0,54919	-0,00487	0,17341	0,05625	0,42573
0,30000	0,50000	0,40000	0,00000	0,54919	-0,00487	0,50512	0,19654	0,42573
0,30000	0,50000	0,50000	0,00000	0,54919	-0,00487	0,83683	0,33683	0,42573
0,30000	0,50000	0,60000	0,00000	0,54919	-0,00487	1,00000	0,30858	0,42573
0,30000	0,50000	0,70000	0,00000	0,54919	-0,00487	1,00000	0,11716	0,42573
0,30000	0,50000	0,80000	0,00000	0,54919	-0,00487	1,00000	-0,07427	0,42573
0,30000	0,50000	0,90000	0,00000	0,54919	-0,00487	1,00000	-0,26569	0,42573
0,30000	0,50000	1,00000	0,00000	0,54919	-0,00487	1,00000	-0,45711	0,42573

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.50000	0.00000	0.00000	0.59304	-0.00408	-0.68749	-0.27602	0.36197
0.35000	0.50000	0.10000	0.00000	0.59304	-0.00408	-0.40294	-0.17376	0.36197
0.35000	0.50000	0.20000	0.00000	0.59304	-0.00408	-0.11840	-0.07151	0.36197
0.35000	0.50000	0.30000	0.00000	0.59304	-0.00408	0.16615	0.03074	0.36197
0.35000	0.50000	0.40000	0.00000	0.59304	-0.00408	0.45070	0.13300	0.36197
0.35000	0.50000	0.50000	0.00000	0.59304	-0.00408	0.73525	0.23525	0.36197
0.35000	0.50000	0.60000	0.00000	0.59304	-0.00408	1.00000	0.31770	0.36197
0.35000	0.50000	0.70000	0.00000	0.59304	-0.00408	1.00000	0.13541	0.36197
0.35000	0.50000	0.80000	0.00000	0.59304	-0.00408	1.00000	-0.04689	0.36197
0.35000	0.50000	0.90000	0.00000	0.59304	-0.00408	1.00000	-0.22918	0.36197
0.35000	0.50000	1.00000	0.00000	0.59304	-0.00408	1.00000	-0.41148	0.36197

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.50000	0.00000	0.00000	0.63383	-0.00344	-0.57914	-0.20974	0.30448
0.40000	0.50000	0.10000	0.00000	0.63383	-0.00344	-0.33000	-0.13448	0.30448
0.40000	0.50000	0.20000	0.00000	0.63383	-0.00344	-0.08086	-0.05922	0.30448
0.40000	0.50000	0.30000	0.00000	0.63383	-0.00344	0.16828	0.01604	0.30448
0.40000	0.50000	0.40000	0.00000	0.63383	-0.00344	0.41742	0.09130	0.30448
0.40000	0.50000	0.50000	0.00000	0.63383	-0.00344	0.66656	0.16656	0.30448
0.40000	0.50000	0.60000	0.00000	0.63383	-0.00344	0.91570	0.24183	0.30448
0.40000	0.50000	0.70000	0.00000	0.63383	-0.00344	1.00000	0.15224	0.30448
0.40000	0.50000	0.80000	0.00000	0.63383	-0.00344	1.00000	-0.02164	0.30448
0.40000	0.50000	0.90000	0.00000	0.63383	-0.00344	1.00000	-0.19552	0.30448
0.40000	0.50000	1.00000	0.00000	0.63383	-0.00344	1.00000	-0.36940	0.30448

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.50000	0.00000	0.00000	0.67213	-0.00290	-0.48929	-0.15913	0.25286
0.45000	0.50000	0.10000	0.00000	0.67213	-0.00290	-0.26771	-0.10359	0.25286
0.45000	0.50000	0.20000	0.00000	0.67213	-0.00290	-0.04613	-0.04804	0.25286
0.45000	0.50000	0.30000	0.00000	0.67213	-0.00290	0.17544	0.00751	0.25286
0.45000	0.50000	0.40000	0.00000	0.67213	-0.00290	0.39702	0.06305	0.25286
0.45000	0.50000	0.50000	0.00000	0.67213	-0.00290	0.61860	0.11860	0.25286
0.45000	0.50000	0.60000	0.00000	0.67213	-0.00290	0.84018	0.17414	0.25286
0.45000	0.50000	0.70000	0.00000	0.67213	-0.00290	1.00000	0.16794	0.25286
0.45000	0.50000	0.80000	0.00000	0.67213	-0.00290	1.00000	0.00191	0.25286
0.45000	0.50000	0.90000	0.00000	0.67213	-0.00290	1.00000	-0.16412	0.25286
0.45000	0.50000	1.00000	0.00000	0.67213	-0.00290	1.00000	-0.33016	0.25286

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.50000	0.50000	0.00000	0.00000	0.70834	-0.00245	-0.41320	-0.11995	0.20676
0.50000	0.50000	0.10000	0.00000	0.70834	-0.00245	-0.21369	-0.07909	0.20676
0.50000	0.50000	0.20000	0.00000	0.70834	-0.00245	-0.01418	-0.03823	0.20676
0.50000	0.50000	0.30000	0.00000	0.70834	-0.00245	0.18533	0.00263	0.20676
0.50000	0.50000	0.40000	0.00000	0.70834	-0.00245	0.38484	0.04349	0.20676
0.50000	0.50000	0.50000	0.00000	0.70834	-0.00245	0.58435	0.08435	0.20676
0.50000	0.50000	0.60000	0.00000	0.70834	-0.00245	0.78386	0.12521	0.20676
0.50000	0.50000	0.70000	0.00000	0.70834	-0.00245	0.98337	0.16607	0.20676
0.50000	0.50000	0.80000	0.00000	0.70834	-0.00245	1.00000	0.02405	0.20676
0.50000	0.50000	0.90000	0.00000	0.70834	-0.00245	1.00000	-0.13460	0.20676
0.50000	0.50000	1.00000	0.00000	0.70834	-0.00245	1.00000	-0.29324	0.20676

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.02500	0.60000	0.00000	0.17381	0.22619	-0.04530	-1.00000	-0.55366	0.94768
0.02500	0.60000	0.10000	0.17381	0.22619	-0.04530	-1.00000	-0.76292	0.94768
0.02500	0.60000	0.20000	0.17381	0.22619	-0.04530	0.00000	0.02781	0.94768
0.02500	0.60000	0.30000	0.17381	0.22619	-0.04530	1.00000	0.81854	0.94768
0.02500	0.60000	0.40000	0.17381	0.22619	-0.04530	1.00000	0.60927	0.94768
0.02500	0.60000	0.50000	0.17381	0.22619	-0.04530	1.00000	0.40000	0.94768
0.02500	0.60000	0.60000	0.17381	0.22619	-0.04530	1.00000	0.19073	0.94768
0.02500	0.60000	0.70000	0.17381	0.22619	-0.04530	1.00000	-0.01854	0.94768
0.02500	0.60000	0.80000	0.17381	0.22619	-0.04530	1.00000	-0.22781	0.94768
0.02500	0.60000	0.90000	0.17381	0.22619	-0.04530	1.00000	-0.43708	0.94768
0.02500	0.60000	1.00000	0.17381	0.22619	-0.04530	1.00000	-0.64634	0.94768

E/Y 168,60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0,05000	0,60000	0,00000	0,14881	0,25119	-0,02317	-1,00000	-0,60320	0,90032
0,05000	0,60000	0,10000	0,14881	0,25119	-0,02317	-1,00000	-0,80256	0,90032
0,05000	0,60000	0,20000	0,14881	0,25119	-0,02317	0,00000	-0,00192	0,90032
0,05000	0,60000	0,30000	0,14881	0,25119	-0,02317	1,00000	0,79872	0,90032
0,05000	0,60000	0,40000	0,14881	0,25119	-0,02317	1,00000	0,59936	0,90032
0,05000	0,60000	0,50000	0,14881	0,25119	-0,02317	1,00000	0,40000	0,90032
0,05000	0,60000	0,60000	0,14881	0,25119	-0,02317	1,00000	0,20064	0,90032
0,05000	0,60000	0,70000	0,14881	0,25119	-0,02317	1,00000	0,00128	0,90032
0,05000	0,60000	0,80000	0,14881	0,25119	-0,02317	1,00000	-0,19808	0,90032
0,05000	0,60000	0,90000	0,14881	0,25119	-0,02317	1,00000	-0,39744	0,90032
0,05000	0,60000	1,00000	0,14881	0,25119	-0,02317	1,00000	-0,59680	0,90032

E/V 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.10000	0.60000	0.00000	0.09881	0.30119	-0.01172	-1.00000	-0.64110	0.80822
0.10000	0.60000	0.10000	0.09881	0.30119	-0.01172	-0.98828	-0.82116	0.80822
0.10000	0.60000	0.20000	0.09881	0.30119	-0.01172	0.00000	-0.02466	0.80822
0.10000	0.60000	0.30000	0.09881	0.30119	-0.01172	0.98828	0.77184	0.80822
0.10000	0.60000	0.40000	0.09881	0.30119	-0.01172	1.00000	0.59178	0.80822
0.10000	0.60000	0.50000	0.09881	0.30119	-0.01172	1.00000	0.40000	0.80822
0.10000	0.60000	0.60000	0.09881	0.30119	-0.01172	1.00000	0.20822	0.80822
0.10000	0.60000	0.70000	0.09881	0.30119	-0.01172	1.00000	0.01644	0.80822
0.10000	0.60000	0.80000	0.09881	0.30119	-0.01172	1.00000	-0.17534	0.80822
0.10000	0.60000	0.90000	0.09881	0.30119	-0.01172	1.00000	-0.36712	0.80822
0.10000	0.60000	1.00000	0.09881	0.30119	-0.01172	1.00000	-0.55890	0.80822

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.60000	0.00000	0.04881	0.35119	-0.00785	-1.00000	-0.67396	0.72219
0.15000	0.60000	0.10000	0.04881	0.35119	-0.00785	-0.66144	-0.52060	0.72219
0.15000	0.60000	0.20000	0.04881	0.35119	-0.00785	0.00000	-0.04438	0.72219
0.15000	0.60000	0.30000	0.04881	0.35119	-0.00785	0.66144	0.43185	0.72219
0.15000	0.60000	0.40000	0.04881	0.35119	-0.00785	1.00000	0.58521	0.72219
0.15000	0.60000	0.50000	0.04881	0.35119	-0.00785	1.00000	0.40000	0.72219
0.15000	0.60000	0.60000	0.04881	0.35119	-0.00785	1.00000	0.21479	0.72219
0.15000	0.60000	0.70000	0.04881	0.35119	-0.00785	1.00000	0.02958	0.72219
0.15000	0.60000	0.80000	0.04881	0.35119	-0.00785	1.00000	-0.15562	0.72219
0.15000	0.60000	0.90000	0.04881	0.35119	-0.00785	1.00000	-0.34083	0.72219
0.15000	0.60000	1.00000	0.04881	0.35119	-0.00785	1.00000	-0.52604	0.72219

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.60000	0.00000	0.00000	0.40119	-0.00590	-0.99410	-0.70716	0.64522
0.20000	0.60000	0.10000	0.00000	0.40119	-0.00590	-0.49705	-0.38749	0.64522
0.20000	0.60000	0.20000	0.00000	0.40119	-0.00590	0.00000	-0.06783	0.64522
0.20000	0.60000	0.30000	0.00000	0.40119	-0.00590	0.49705	0.25183	0.64522
0.20000	0.60000	0.40000	0.00000	0.40119	-0.00590	0.99410	0.57149	0.64522
0.20000	0.60000	0.50000	0.00000	0.40119	-0.00590	1.00000	0.40000	0.64522
0.20000	0.60000	0.60000	0.00000	0.40119	-0.00590	1.00000	0.22261	0.64522
0.20000	0.60000	0.70000	0.00000	0.40119	-0.00590	1.00000	0.04522	0.64522
0.20000	0.60000	0.80000	0.00000	0.40119	-0.00590	1.00000	-0.13217	0.64522
0.20000	0.60000	0.90000	0.00000	0.40119	-0.00590	1.00000	-0.30956	0.64522
0.20000	0.60000	1.00000	0.00000	0.40119	-0.00590	1.00000	-0.48695	0.64522

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.60000	0.00000	0.00000	0.44838	-0.00466	-0.78518	-0.53849	0.57666
0.25000	0.60000	0.10000	0.00000	0.44838	-0.00466	-0.38704	-0.30969	0.57666
0.25000	0.60000	0.20000	0.00000	0.44838	-0.00466	0.01109	-0.08089	0.57666
0.25000	0.60000	0.30000	0.00000	0.44838	-0.00466	0.40923	0.14791	0.57666
0.25000	0.60000	0.40000	0.00000	0.44838	-0.00466	0.80737	0.37671	0.57666
0.25000	0.60000	0.50000	0.00000	0.44838	-0.00466	1.00000	0.40000	0.57666
0.25000	0.60000	0.60000	0.00000	0.44838	-0.00466	1.00000	0.23066	0.57666
0.25000	0.60000	0.70000	0.00000	0.44838	-0.00466	1.00000	0.06133	0.57666
0.25000	0.60000	0.80000	0.00000	0.44838	-0.00466	1.00000	-0.10801	0.57666
0.25000	0.60000	0.90000	0.00000	0.44838	-0.00466	1.00000	-0.27735	0.57666
0.25000	0.60000	1.00000	0.00000	0.44838	-0.00466	1.00000	-0.44669	0.57666

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.30000	0.60000	0.00000	0.00000	0.49102	-0.00374	-0.63063	-0.41969	0.51344
0.30000	0.60000	0.10000	0.00000	0.49102	-0.00374	-0.29854	-0.24979	0.51344
0.30000	0.60000	0.20000	0.00000	0.49102	-0.00374	0.03355	-0.07989	0.51344
0.30000	0.60000	0.30000	0.00000	0.49102	-0.00374	0.36563	0.09001	0.51344
0.30000	0.60000	0.40000	0.00000	0.49102	-0.00374	0.69772	0.25991	0.51344
0.30000	0.60000	0.50000	0.00000	0.49102	-0.00374	1.00000	0.40000	0.51344
0.30000	0.60000	0.60000	0.00000	0.49102	-0.00374	1.00000	0.23781	0.51344
0.30000	0.60000	0.70000	0.00000	0.49102	-0.00374	1.00000	0.07563	0.51344
0.30000	0.60000	0.80000	0.00000	0.49102	-0.00374	1.00000	-0.08656	0.51344
0.30000	0.60000	0.90000	0.00000	0.49102	-0.00374	1.00000	-0.24875	0.51344
0.30000	0.60000	1.00000	0.00000	0.49102	-0.00374	1.00000	-0.41093	0.51344

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.60000	0.00000	0.00000	0.53021	-0.00303	-0.51031	-0.33186	0.45509
0.35000	0.60000	0.10000	0.00000	0.53021	-0.00303	-0.22546	-0.20270	0.45509
0.35000	0.60000	0.20000	0.00000	0.53021	-0.00303	0.05939	-0.07354	0.45509
0.35000	0.60000	0.30000	0.00000	0.53021	-0.00303	0.34424	0.05562	0.45509
0.35000	0.60000	0.40000	0.00000	0.53021	-0.00303	0.62909	0.18478	0.45509
0.35000	0.60000	0.50000	0.00000	0.53021	-0.00303	0.91394	0.31394	0.45509
0.35000	0.60000	0.60000	0.00000	0.53021	-0.00303	1.00000	0.24431	0.45509
0.35000	0.60000	0.70000	0.00000	0.53021	-0.00303	1.00000	0.08862	0.45509
0.35000	0.60000	0.80000	0.00000	0.53021	-0.00303	1.00000	-0.06707	0.45509
0.35000	0.60000	0.90000	0.00000	0.53021	-0.00303	1.00000	-0.22276	0.45509
0.35000	0.60000	1.00000	0.00000	0.53021	-0.00303	1.00000	-0.37845	0.45509

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.60000	0.00000	0.00000	0.56667	-0.00245	-0.41320	-0.26473	0.40122
0.40000	0.60000	0.10000	0.00000	0.56667	-0.00245	-0.16381	-0.16503	0.40122
0.40000	0.60000	0.20000	0.00000	0.56667	-0.00245	0.08558	-0.06534	0.40122
0.40000	0.60000	0.30000	0.00000	0.56667	-0.00245	0.33496	0.03435	0.40122
0.40000	0.60000	0.40000	0.00000	0.56667	-0.00245	0.58435	0.13405	0.40122
0.40000	0.60000	0.50000	0.00000	0.56667	-0.00245	0.83374	0.23374	0.40122
0.40000	0.60000	0.60000	0.00000	0.56667	-0.00245	1.00000	0.25031	0.40122
0.40000	0.60000	0.70000	0.00000	0.56667	-0.00245	1.00000	0.10061	0.40122
0.40000	0.60000	0.80000	0.00000	0.56667	-0.00245	1.00000	-0.04908	0.40122
0.40000	0.60000	0.90000	0.00000	0.56667	-0.00245	1.00000	-0.19878	0.40122
0.40000	0.60000	1.00000	0.00000	0.56667	-0.00245	1.00000	-0.34847	0.40122

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.60000	0.00000	0.00000	0.60089	-0.00197	-0.33268	-0.21217	0.35154
0.45000	0.60000	0.10000	0.00000	0.60089	-0.00197	-0.11089	-0.13448	0.35154
0.45000	0.60000	0.20000	0.00000	0.60089	-0.00197	0.11089	-0.05680	0.35154
0.45000	0.60000	0.30000	0.00000	0.60089	-0.00197	0.33268	0.02088	0.35154
0.45000	0.60000	0.40000	0.00000	0.60089	-0.00197	0.55446	0.09856	0.35154
0.45000	0.60000	0.50000	0.00000	0.60089	-0.00197	0.77624	0.17624	0.35154
0.45000	0.60000	0.60000	0.00000	0.60089	-0.00197	0.99803	0.25392	0.35154
0.45000	0.60000	0.70000	0.00000	0.60089	-0.00197	1.00000	0.11180	0.35154
0.45000	0.60000	0.80000	0.00000	0.60089	-0.00197	1.00000	-0.03231	0.35154
0.45000	0.60000	0.90000	0.00000	0.60089	-0.00197	1.00000	-0.17641	0.35154
0.45000	0.60000	1.00000	0.00000	0.60089	-0.00197	1.00000	-0.32051	0.35154

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.50000	0.60000	0.00000	0.00000	0.63324	-0.00157	-0.26450	-0.17029	0.30580
0.50000	0.60000	0.10000	0.00000	0.63324	-0.00157	-0.06481	-0.10945	0.30580
0.50000	0.60000	0.20000	0.00000	0.63324	-0.00157	0.13488	-0.04860	0.30580
0.50000	0.60000	0.30000	0.00000	0.63324	-0.00157	0.33456	0.01224	0.30580
0.50000	0.60000	0.40000	0.00000	0.63324	-0.00157	0.53425	0.07309	0.30580
0.50000	0.60000	0.50000	0.00000	0.63324	-0.00157	0.73394	0.13394	0.30580
0.50000	0.60000	0.60000	0.00000	0.63324	-0.00157	0.93362	0.19478	0.30580
0.50000	0.60000	0.70000	0.00000	0.63324	-0.00157	1.00000	0.12232	0.30580
0.50000	0.60000	0.80000	0.00000	0.63324	-0.00157	1.00000	-0.01652	0.30580
0.50000	0.60000	0.90000	0.00000	0.63324	-0.00157	1.00000	-0.15536	0.30580
0.50000	0.60000	1.00000	0.00000	0.63324	-0.00157	1.00000	-0.29420	0.30580

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.02500	0.70000	0.00000	0.12411	0.17589	-0.03436	-1.00000	-0.90166	0.96008
0.02500	0.70000	0.10000	0.12411	0.17589	-0.03436	-1.00000	-1.06132	0.96008
0.02500	0.70000	0.20000	0.12411	0.17589	-0.03436	1.00000	0.77901	0.96008
0.02500	0.70000	0.30000	0.12411	0.17589	-0.03436	1.00000	0.61934	0.96008
0.02500	0.70000	0.40000	0.12411	0.17589	-0.03436	1.00000	0.45967	0.96008
0.02500	0.70000	0.50000	0.12411	0.17589	-0.03436	1.00000	0.30000	0.96008
0.02500	0.70000	0.60000	0.12411	0.17589	-0.03436	1.00000	0.14033	0.96008
0.02500	0.70000	0.70000	0.12411	0.17589	-0.03436	1.00000	-0.01934	0.96008
0.02500	0.70000	0.80000	0.12411	0.17589	-0.03436	1.00000	-0.17901	0.96008
0.02500	0.70000	0.90000	0.12411	0.17589	-0.03436	1.00000	-0.33868	0.96008
0.02500	0.70000	1.00000	0.12411	0.17589	-0.03436	1.00000	-0.49834	0.96008

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.05000	0.70000	0.00000	0.09911	0.20089	-0.01748	-1.00000	-0.92333	0.92233
0.05000	0.70000	0.10000	0.09911	0.20089	-0.01748	-0.98252	-1.06118	0.92233
0.05000	0.70000	0.20000	0.09911	0.20089	-0.01748	0.98252	0.74852	0.92233
0.05000	0.70000	0.30000	0.09911	0.20089	-0.01748	1.00000	0.61067	0.92233
0.05000	0.70000	0.40000	0.09911	0.20089	-0.01748	1.00000	0.45533	0.92233
0.05000	0.70000	0.50000	0.09911	0.20089	-0.01748	1.00000	0.30000	0.92233
0.05000	0.70000	0.60000	0.09911	0.20089	-0.01748	1.00000	0.14467	0.92233
0.05000	0.70000	0.70000	0.09911	0.20089	-0.01748	1.00000	-0.01067	0.92233
0.05000	0.70000	0.80000	0.09911	0.20089	-0.01748	1.00000	-0.16600	0.92233
0.05000	0.70000	0.90000	0.09911	0.20089	-0.01748	1.00000	-0.32134	0.92233
0.05000	0.70000	1.00000	0.09911	0.20089	-0.01748	1.00000	-0.47667	0.92233

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.10000	0.70000	0.00000	0.04911	0.25089	-0.00882	-1.00000	-0.94760	0.84952
0.10000	0.70000	0.10000	0.04911	0.25089	-0.00882	-0.49559	-0.59367	0.84952
0.10000	0.70000	0.20000	0.04911	0.25089	-0.00882	0.49559	0.24703	0.84952
0.10000	0.70000	0.30000	0.04911	0.25089	-0.00882	1.00000	0.60096	0.84952
0.10000	0.70000	0.40000	0.04911	0.25089	-0.00882	1.00000	0.45048	0.84952
0.10000	0.70000	0.50000	0.04911	0.25089	-0.00882	1.00000	0.30000	0.84952
0.10000	0.70000	0.60000	0.04911	0.25089	-0.00882	1.00000	0.14952	0.84952
0.10000	0.70000	0.70000	0.04911	0.25089	-0.00882	1.00000	-0.00096	0.84952
0.10000	0.70000	0.80000	0.04911	0.25089	-0.00882	1.00000	-0.15144	0.84952
0.10000	0.70000	0.90000	0.04911	0.25089	-0.00882	1.00000	-0.30192	0.84952
0.10000	0.70000	1.00000	0.04911	0.25089	-0.00882	1.00000	-0.45240	0.84952

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.70000	0.00000	0.00000	0.30089	-0.00590	-0.99410	-0.97007	0.78279
0.15000	0.70000	0.10000	0.00000	0.30089	-0.00590	-0.33137	-0.45214	0.78279
0.15000	0.70000	0.20000	0.00000	0.30089	-0.00590	0.33137	0.06579	0.78279
0.15000	0.70000	0.30000	0.00000	0.30089	-0.00590	0.99410	0.58372	0.78279
0.15000	0.70000	0.40000	0.00000	0.30089	-0.00590	1.00000	0.44481	0.78279
0.15000	0.70000	0.50000	0.00000	0.30089	-0.00590	1.00000	0.30000	0.78279
0.15000	0.70000	0.60000	0.00000	0.30089	-0.00590	1.00000	0.15519	0.78279
0.15000	0.70000	0.70000	0.00000	0.30089	-0.00590	1.00000	0.01039	0.78279
0.15000	0.70000	0.80000	0.00000	0.30089	-0.00590	1.00000	-0.13442	0.78279
0.15000	0.70000	0.90000	0.00000	0.30089	-0.00590	1.00000	-0.27923	0.78279
0.15000	0.70000	1.00000	0.00000	0.30089	-0.00590	1.00000	-0.42403	0.78279

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.70000	0.00000	0.00000	0.34728	-0.00432	-0.72889	-0.73448	0.72224
0.20000	0.70000	0.10000	0.00000	0.34728	-0.00432	-0.23105	-0.37553	0.72224
0.20000	0.70000	0.20000	0.00000	0.34728	-0.00432	0.26679	-0.01657	0.72224
0.20000	0.70000	0.30000	0.00000	0.34728	-0.00432	0.76463	0.34239	0.72224
0.20000	0.70000	0.40000	0.00000	0.34728	-0.00432	1.00000	0.43888	0.72224
0.20000	0.70000	0.50000	0.00000	0.34728	-0.00432	1.00000	0.30000	0.72224
0.20000	0.70000	0.60000	0.00000	0.34728	-0.00432	1.00000	0.16112	0.72224
0.20000	0.70000	0.70000	0.00000	0.34728	-0.00432	1.00000	0.02224	0.72224
0.20000	0.70000	0.80000	0.00000	0.34728	-0.00432	1.00000	-0.11664	0.72224
0.20000	0.70000	0.90000	0.00000	0.34728	-0.00432	1.00000	-0.25552	0.72224
0.20000	0.70000	1.00000	0.00000	0.34728	-0.00432	1.00000	-0.39440	0.72224

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.70000	0.00000	0.00000	0.38811	-0.00325	-0.54741	-0.57859	0.66559
0.25000	0.70000	0.10000	0.00000	0.38811	-0.00325	-0.14871	-0.31365	0.66559
0.25000	0.70000	0.20000	0.00000	0.38811	-0.00325	0.24999	-0.04871	0.66559
0.25000	0.70000	0.30000	0.00000	0.38811	-0.00325	0.64869	0.21622	0.66559
0.25000	0.70000	0.40000	0.00000	0.38811	-0.00325	1.00000	0.43376	0.66559
0.25000	0.70000	0.50000	0.00000	0.38811	-0.00325	1.00000	0.30000	0.66559
0.25000	0.70000	0.60000	0.00000	0.38811	-0.00325	1.00000	0.16624	0.66559
0.25000	0.70000	0.70000	0.00000	0.38811	-0.00325	1.00000	0.03247	0.66559
0.25000	0.70000	0.80000	0.00000	0.38811	-0.00325	1.00000	-0.10129	0.66559
0.25000	0.70000	0.90000	0.00000	0.38811	-0.00325	1.00000	-0.23506	0.66559
0.25000	0.70000	1.00000	0.00000	0.38811	-0.00325	1.00000	-0.36882	0.66559

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.30000	0.70000	0.00000	0.00000	0.42500	-0.00245	-0.41320	-0.46721	0.61241
0.30000	0.70000	0.10000	0.00000	0.42500	-0.00245	-0.08068	-0.26389	0.61241
0.30000	0.70000	0.20000	0.00000	0.42500	-0.00245	0.25183	-0.06057	0.61241
0.30000	0.70000	0.30000	0.00000	0.42500	-0.00245	0.58435	0.14275	0.61241
0.30000	0.70000	0.40000	0.00000	0.42500	-0.00245	0.91687	0.34606	0.61241
0.30000	0.70000	0.50000	0.00000	0.42500	-0.00245	1.00000	0.30000	0.61241
0.30000	0.70000	0.60000	0.00000	0.42500	-0.00245	1.00000	0.17080	0.61241
0.30000	0.70000	0.70000	0.00000	0.42500	-0.00245	1.00000	0.04160	0.61241
0.30000	0.70000	0.80000	0.00000	0.42500	-0.00245	1.00000	-0.08759	0.61241
0.30000	0.70000	0.90000	0.00000	0.42500	-0.00245	1.00000	-0.21679	0.61241
0.30000	0.70000	1.00000	0.00000	0.42500	-0.00245	1.00000	-0.34599	0.61241

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.70000	0.00000	0.00000	0.45890	-0.00183	-0.30874	-0.38356	0.56238
0.35000	0.70000	0.10000	0.00000	0.45890	-0.00183	-0.02355	-0.22341	0.56238
0.35000	0.70000	0.20000	0.00000	0.45890	-0.00183	0.26164	-0.06325	0.56238
0.35000	0.70000	0.30000	0.00000	0.45890	-0.00183	0.54683	0.09690	0.56238
0.35000	0.70000	0.40000	0.00000	0.45890	-0.00183	0.83202	0.25706	0.56238
0.35000	0.70000	0.50000	0.00000	0.45890	-0.00183	1.00000	0.30000	0.56238
0.35000	0.70000	0.60000	0.00000	0.45890	-0.00183	1.00000	0.17496	0.56238
0.35000	0.70000	0.70000	0.00000	0.45890	-0.00183	1.00000	0.04993	0.56238
0.35000	0.70000	0.80000	0.00000	0.45890	-0.00183	1.00000	-0.07511	0.56238
0.35000	0.70000	0.90000	0.00000	0.45890	-0.00183	1.00000	-0.20014	0.56238
0.35000	0.70000	1.00000	0.00000	0.45890	-0.00183	1.00000	-0.32518	0.56238

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.70000	0.00000	0.00000	0.49043	-0.00133	-0.22445	-0.31851	0.51525
0.40000	0.70000	0.10000	0.00000	0.49043	-0.00133	0.02522	-0.19003	0.51525
0.40000	0.70000	0.20000	0.00000	0.49043	-0.00133	0.27489	-0.06155	0.51525
0.40000	0.70000	0.30000	0.00000	0.49043	-0.00133	0.52456	0.06693	0.51525
0.40000	0.70000	0.40000	0.00000	0.49043	-0.00133	0.77422	0.19541	0.51525
0.40000	0.70000	0.50000	0.00000	0.49043	-0.00133	1.00000	0.30000	0.51525
0.40000	0.70000	0.60000	0.00000	0.49043	-0.00133	1.00000	0.17881	0.51525
0.40000	0.70000	0.70000	0.00000	0.49043	-0.00133	1.00000	0.05762	0.51525
0.40000	0.70000	0.80000	0.00000	0.49043	-0.00133	1.00000	-0.06356	0.51525
0.40000	0.70000	0.90000	0.00000	0.49043	-0.00133	1.00000	-0.18475	0.51525
0.40000	0.70000	1.00000	0.00000	0.49043	-0.00133	1.00000	-0.30594	0.51525

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.70000	0.00000	0.00000	0.52003	-0.00092	-0.15456	-0.26659	0.47083
0.45000	0.70000	0.10000	0.00000	0.52003	-0.00092	0.06746	-0.16217	0.47083
0.45000	0.70000	0.20000	0.00000	0.52003	-0.00092	0.28948	-0.05774	0.47083
0.45000	0.70000	0.30000	0.00000	0.52003	-0.00092	0.51150	0.04668	0.47083
0.45000	0.70000	0.40000	0.00000	0.52003	-0.00092	0.73352	0.15111	0.47083
0.45000	0.70000	0.50000	0.00000	0.52003	-0.00092	0.95553	0.25553	0.47083
0.45000	0.70000	0.60000	0.00000	0.52003	-0.00092	1.00000	0.18241	0.47083
0.45000	0.70000	0.70000	0.00000	0.52003	-0.00092	1.00000	0.06481	0.47083
0.45000	0.70000	0.80000	0.00000	0.52003	-0.00092	1.00000	-0.05278	0.47083
0.45000	0.70000	0.90000	0.00000	0.52003	-0.00092	1.00000	-0.17037	0.47083
0.45000	0.70000	1.00000	0.00000	0.52003	-0.00092	1.00000	-0.28796	0.47083

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.50000	0.70000	0.00000	0.00000	0.54801	-0.00057	-0.09539	-0.22435	0.42896
0.50000	0.70000	0.10000	0.00000	0.54801	-0.00057	0.10450	-0.13867	0.42896
0.50000	0.70000	0.20000	0.00000	0.54801	-0.00057	0.30438	-0.05299	0.42896
0.50000	0.70000	0.30000	0.00000	0.54801	-0.00057	0.50427	0.03268	0.42896
0.50000	0.70000	0.40000	0.00000	0.54801	-0.00057	0.70416	0.11836	0.42896
0.50000	0.70000	0.50000	0.00000	0.54801	-0.00057	0.90404	0.20404	0.42896
0.50000	0.70000	0.60000	0.00000	0.54801	-0.00057	1.00000	0.18579	0.42896
0.50000	0.70000	0.70000	0.00000	0.54801	-0.00057	1.00000	0.07158	0.42896
0.50000	0.70000	0.80000	0.00000	0.54801	-0.00057	1.00000	-0.04262	0.42896
0.50000	0.70000	0.90000	0.00000	0.54801	-0.00057	1.00000	-0.15683	0.42896
0.50000	0.70000	1.00000	0.00000	0.54801	-0.00057	1.00000	-0.27104	0.42896

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.02500	0.80000	0.00000	0.07441	0.12559	-0.02317	-1.00000	-1.27944	0.97397
0.02500	0.80000	0.10000	0.07441	0.12559	-0.02317	0.00000	-0.38355	0.97397
0.02500	0.80000	0.20000	0.07441	0.12559	-0.02317	1.00000	0.51234	0.97397
0.02500	0.80000	0.30000	0.07441	0.12559	-0.02317	1.00000	0.40823	0.97397
0.02500	0.80000	0.40000	0.07441	0.12559	-0.02317	1.00000	0.30411	0.97397
0.02500	0.80000	0.50000	0.07441	0.12559	-0.02317	1.00000	0.20000	0.97397
0.02500	0.80000	0.60000	0.07441	0.12559	-0.02317	1.00000	0.09589	0.97397
0.02500	0.80000	0.70000	0.07441	0.12559	-0.02317	1.00000	-0.00823	0.97397
0.02500	0.80000	0.80000	0.07441	0.12559	-0.02317	1.00000	-0.11234	0.97397
0.02500	0.80000	0.90000	0.07441	0.12559	-0.02317	1.00000	-0.21645	0.97397
0.02500	0.80000	1.00000	0.07441	0.12559	-0.02317	1.00000	-0.32056	0.97397

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.05000	0.80000	0.00000	0.04941	0.15059	-0.01172	-1.00000	-1.27385	0.94738
0.05000	0.80000	0.10000	0.04941	0.15059	-0.01172	0.00000	-0.37908	0.94738
0.05000	0.80000	0.20000	0.04941	0.15059	-0.01172	1.00000	0.51569	0.94738
0.05000	0.80000	0.30000	0.04941	0.15059	-0.01172	1.00000	0.41046	0.94738
0.05000	0.80000	0.40000	0.04941	0.15059	-0.01172	1.00000	0.30523	0.94738
0.05000	0.80000	0.50000	0.04941	0.15059	-0.01172	1.00000	0.20000	0.94738
0.05000	0.80000	0.60000	0.04941	0.15059	-0.01172	1.00000	0.09477	0.94738
0.05000	0.80000	0.70000	0.04941	0.15059	-0.01172	1.00000	-0.01046	0.94738
0.05000	0.80000	0.80000	0.04941	0.15059	-0.01172	1.00000	-0.11569	0.94738
0.05000	0.80000	0.90000	0.04941	0.15059	-0.01172	1.00000	-0.22092	0.94738
0.05000	0.80000	1.00000	0.04941	0.15059	-0.01172	1.00000	-0.32615	0.94738

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.10000	0.80000	0.00000	0.00000	0.20059	-0.00590	-0.99410	-1.27876	0.89693
0.10000	0.80000	0.10000	0.00000	0.20059	-0.00590	0.00000	-0.38772	0.89693
0.10000	0.80000	0.20000	0.00000	0.20059	-0.00590	0.99410	0.50331	0.89693
0.10000	0.80000	0.30000	0.00000	0.20059	-0.00590	1.00000	0.40614	0.89693
0.10000	0.80000	0.40000	0.00000	0.20059	-0.00590	1.00000	0.30307	0.89693
0.10000	0.80000	0.50000	0.00000	0.20059	-0.00590	1.00000	0.20000	0.89693
0.10000	0.80000	0.60000	0.00000	0.20059	-0.00590	1.00000	0.09693	0.89693
0.10000	0.80000	0.70000	0.00000	0.20059	-0.00590	1.00000	-0.00614	0.89693
0.10000	0.80000	0.80000	0.00000	0.20059	-0.00590	1.00000	-0.10921	0.89693
0.10000	0.80000	0.90000	0.00000	0.20059	-0.00590	1.00000	-0.21228	0.89693
0.10000	0.80000	1.00000	0.00000	0.20059	-0.00590	1.00000	-0.31535	0.89693

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.80000	0.00000	0.00000	0.24551	-0.00374	-0.63063	-0.93206	0.85043
0.15000	0.80000	0.10000	0.00000	0.24551	-0.00374	0.03355	-0.36760	0.85043
0.15000	0.80000	0.20000	0.00000	0.24551	-0.00374	0.69772	0.19686	0.85043
0.15000	0.80000	0.30000	0.00000	0.24551	-0.00374	1.00000	0.39942	0.85043
0.15000	0.80000	0.40000	0.00000	0.24551	-0.00374	1.00000	0.29971	0.85043
0.15000	0.80000	0.50000	0.00000	0.24551	-0.00374	1.00000	0.20000	0.85043
0.15000	0.80000	0.60000	0.00000	0.24551	-0.00374	1.00000	0.10029	0.85043
0.15000	0.80000	0.70000	0.00000	0.24551	-0.00374	1.00000	0.00058	0.85043
0.15000	0.80000	0.80000	0.00000	0.24551	-0.00374	1.00000	-0.09914	0.85043
0.15000	0.80000	0.90000	0.00000	0.24551	-0.00374	1.00000	-0.19885	0.85043
0.15000	0.80000	1.00000	0.00000	0.24551	-0.00374	1.00000	-0.29856	0.85043

E/Y 168,60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.80000	0.00000	0.00000	0.28333	-0.00245	-0.41320	-0.72921	0.80640
0.20000	0.80000	0.10000	0.00000	0.28333	-0.00245	0.08558	-0.32723	0.80640
0.20000	0.80000	0.20000	0.00000	0.28333	-0.00245	0.58435	0.07474	0.80640
0.20000	0.80000	0.30000	0.00000	0.28333	-0.00245	1.00000	0.39360	0.80640
0.20000	0.80000	0.40000	0.00000	0.28333	-0.00245	1.00000	0.29680	0.80640
0.20000	0.80000	0.50000	0.00000	0.28333	-0.00245	1.00000	0.20000	0.80640
0.20000	0.80000	0.60000	0.00000	0.28333	-0.00245	1.00000	0.10320	0.80640
0.20000	0.80000	0.70000	0.00000	0.28333	-0.00245	1.00000	0.00640	0.80640
0.20000	0.80000	0.80000	0.00000	0.28333	-0.00245	1.00000	-0.09039	0.80640
0.20000	0.80000	0.90000	0.00000	0.28333	-0.00245	1.00000	-0.18719	0.80640
0.20000	0.80000	1.00000	0.00000	0.28333	-0.00245	1.00000	-0.28399	0.80640

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.80000	0.00000	0.00000	0.31662	-0.00157	-0.26450	-0.59348	0.76449
0.25000	0.80000	0.10000	0.00000	0.31662	-0.00157	0.13488	-0.28831	0.76449
0.25000	0.80000	0.20000	0.00000	0.31662	-0.00157	0.53425	0.01686	0.76449
0.25000	0.80000	0.30000	0.00000	0.31662	-0.00157	0.93362	0.32203	0.76449
0.25000	0.80000	0.40000	0.00000	0.31662	-0.00157	1.00000	0.29420	0.76449
0.25000	0.80000	0.50000	0.00000	0.31662	-0.00157	1.00000	0.20000	0.76449
0.25000	0.80000	0.60000	0.00000	0.31662	-0.00157	1.00000	0.10580	0.76449
0.25000	0.80000	0.70000	0.00000	0.31662	-0.00157	1.00000	0.01160	0.76449
0.25000	0.80000	0.80000	0.00000	0.31662	-0.00157	1.00000	-0.08261	0.76449
0.25000	0.80000	0.90000	0.00000	0.31662	-0.00157	1.00000	-0.17681	0.76449
0.25000	0.80000	1.00000	0.00000	0.31662	-0.00157	1.00000	-0.27101	0.76449

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.30000	0.80000	0.00000	0.00000	0.34669	-0.00092	-0.15456	-0.49533	0.72446
0.30000	0.80000	0.10000	0.00000	0.34669	-0.00092	0.17847	-0.25415	0.72446
0.30000	0.80000	0.20000	0.00000	0.34669	-0.00092	0.51150	-0.01297	0.72446
0.30000	0.80000	0.30000	0.00000	0.34669	-0.00092	0.84452	0.22822	0.72446
0.30000	0.80000	0.40000	0.00000	0.34669	-0.00092	1.00000	0.29185	0.72446
0.30000	0.80000	0.50000	0.00000	0.34669	-0.00092	1.00000	0.20000	0.72446
0.30000	0.80000	0.60000	0.00000	0.34669	-0.00092	1.00000	0.10815	0.72446
0.30000	0.80000	0.70000	0.00000	0.34669	-0.00092	1.00000	0.01631	0.72446
0.30000	0.80000	0.80000	0.00000	0.34669	-0.00092	1.00000	-0.07554	0.72446
0.30000	0.80000	0.90000	0.00000	0.34669	-0.00092	1.00000	-0.16738	0.72446
0.30000	0.80000	1.00000	0.00000	0.34669	-0.00092	1.00000	-0.25923	0.72446

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.80000	0.00000	0.00000	0.37431	-0.00041	-0.06902	-0.42064	0.68614
0.35000	0.80000	0.10000	0.00000	0.37431	-0.00041	0.21658	-0.22472	0.68614
0.35000	0.80000	0.20000	0.00000	0.37431	-0.00041	0.50218	-0.02880	0.68614
0.35000	0.80000	0.30000	0.00000	0.37431	-0.00041	0.78778	0.16712	0.68614
0.35000	0.80000	0.40000	0.00000	0.37431	-0.00041	1.00000	0.28967	0.68614
0.35000	0.80000	0.50000	0.00000	0.37431	-0.00041	1.00000	0.20000	0.68614
0.35000	0.80000	0.60000	0.00000	0.37431	-0.00041	1.00000	0.11033	0.68614
0.35000	0.80000	0.70000	0.00000	0.37431	-0.00041	1.00000	0.02065	0.68614
0.35000	0.80000	0.80000	0.00000	0.37431	-0.00041	1.00000	-0.06902	0.68614
0.35000	0.80000	0.90000	0.00000	0.37431	-0.00041	1.00000	-0.15870	0.68614
0.35000	0.80000	1.00000	0.00000	0.37431	-0.00041	1.00000	-0.24837	0.68614

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.80000	0.00000	0.00000	0.40000	0.00000	0.00000	-0.36173	0.64939
0.40000	0.80000	0.10000	0.00000	0.40000	0.00000	0.25000	-0.19939	0.64939
0.40000	0.80000	0.20000	0.00000	0.40000	0.00000	0.50000	-0.03704	0.64939
0.40000	0.80000	0.30000	0.00000	0.40000	0.00000	0.75000	0.12531	0.64939
0.40000	0.80000	0.40000	0.00000	0.40000	0.00000	1.00000	0.28765	0.64939
0.40000	0.80000	0.50000	0.00000	0.40000	0.00000	1.00000	0.20000	0.64939
0.40000	0.80000	0.60000	0.00000	0.40000	0.00000	1.00000	0.11235	0.64939
0.40000	0.80000	0.70000	0.00000	0.40000	0.00000	1.00000	0.02469	0.64939
0.40000	0.80000	0.80000	0.00000	0.40000	0.00000	1.00000	-0.06296	0.64939
0.40000	0.80000	0.90000	0.00000	0.40000	0.00000	1.00000	-0.15061	0.64939
0.40000	0.80000	1.00000	0.00000	0.40000	0.00000	1.00000	-0.23827	0.64939

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.80000	0.00000	0.00000	0.42411	0.00034	0.05721	-0.31401	0.61410
0.45000	0.80000	0.10000	0.00000	0.42411	0.00034	0.27951	-0.17747	0.61410
0.45000	0.80000	0.20000	0.00000	0.42411	0.00034	0.50181	-0.04093	0.61410
0.45000	0.80000	0.30000	0.00000	0.42411	0.00034	0.72410	0.09561	0.61410
0.45000	0.80000	0.40000	0.00000	0.42411	0.00034	0.94640	0.23216	0.61410
0.45000	0.80000	0.50000	0.00000	0.42411	0.00034	1.00000	0.20000	0.61410
0.45000	0.80000	0.60000	0.00000	0.42411	0.00034	1.00000	0.11424	0.61410
0.45000	0.80000	0.70000	0.00000	0.42411	0.00034	1.00000	0.02849	0.61410
0.45000	0.80000	0.80000	0.00000	0.42411	0.00034	1.00000	-0.05727	0.61410
0.45000	0.80000	0.90000	0.00000	0.42411	0.00034	1.00000	-0.14302	0.61410
0.45000	0.80000	1.00000	0.00000	0.42411	0.00034	1.00000	-0.22878	0.61410

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.50000	0.80000	0.00000	0.00000	0.44690	0.00063	0.10564	-0.27455	0.58019
0.50000	0.80000	0.10000	0.00000	0.44690	0.00063	0.30576	-0.15839	0.58019
0.50000	0.80000	0.20000	0.00000	0.44690	0.00063	0.50589	-0.04222	0.58019
0.50000	0.80000	0.30000	0.00000	0.44690	0.00063	0.70601	0.07394	0.58019
0.50000	0.80000	0.40000	0.00000	0.44690	0.00063	0.90614	0.19010	0.58019
0.50000	0.80000	0.50000	0.00000	0.44690	0.00063	1.00000	0.20000	0.58019
0.50000	0.80000	0.60000	0.00000	0.44690	0.00063	1.00000	0.11604	0.58019
0.50000	0.80000	0.70000	0.00000	0.44690	0.00063	1.00000	0.03208	0.58019
0.50000	0.80000	0.80000	0.00000	0.44690	0.00063	1.00000	-0.05189	0.58019
0.50000	0.80000	0.90000	0.00000	0.44690	0.00063	1.00000	-0.13585	0.58019
0.50000	0.80000	1.00000	0.00000	0.44690	0.00063	1.00000	-0.21981	0.58019

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0,02500	0,90000	0,00000	0,02470	0,07530	-0,01172	-1,00000	-1,68610	0,98930
0,02500	0,90000	0,10000	0,02470	0,07530	-0,01172	1,00000	0,27112	0,98930
0,02500	0,90000	0,20000	0,02470	0,07530	-0,01172	1,00000	0,22834	0,98930
0,02500	0,90000	0,30000	0,02470	0,07530	-0,01172	1,00000	0,18556	0,98930
0,02500	0,90000	0,40000	0,02470	0,07530	-0,01172	1,00000	0,14278	0,98930
0,02500	0,90000	0,50000	0,02470	0,07530	-0,01172	1,00000	0,10000	0,98930
0,02500	0,90000	0,60000	0,02470	0,07530	-0,01172	1,00000	0,05722	0,98930
0,02500	0,90000	0,70000	0,02470	0,07530	-0,01172	1,00000	0,01444	0,98930
0,02500	0,90000	0,80000	0,02470	0,07530	-0,01172	1,00000	-0,02834	0,98930
0,02500	0,90000	0,90000	0,02470	0,07530	-0,01172	1,00000	-0,07112	0,98930
0,02500	0,90000	1,00000	0,02470	0,07530	-0,01172	1,00000	-0,11390	0,98930

E/Y 168.60000

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.05000	0.90000	0.00000	0.00000	0.10030	-0.00590	-0.99410	-1.64859	0.97545
0.05000	0.90000	0.10000	0.00000	0.10030	-0.00590	0.99410	0.29052	0.97545
0.05000	0.90000	0.20000	0.00000	0.10030	-0.00590	1.00000	0.26731	0.97545
0.05000	0.90000	0.30000	0.00000	0.10030	-0.00590	1.00000	0.19821	0.97545
0.05000	0.90000	0.40000	0.00000	0.10030	-0.00590	1.00000	0.14910	0.97545
0.05000	0.90000	0.50000	0.00000	0.10030	-0.00590	1.00000	0.10000	0.97545
0.05000	0.90000	0.60000	0.00000	0.10030	-0.00590	1.00000	0.05090	0.97545
0.05000	0.90000	0.70000	0.00000	0.10030	-0.00590	1.00000	0.00179	0.97545
0.05000	0.90000	0.80000	0.00000	0.10030	-0.00590	1.00000	-0.04731	0.97545
0.05000	0.90000	0.90000	0.00000	0.10030	-0.00590	1.00000	-0.09641	0.97545
0.05000	0.90000	1.00000	0.00000	0.10030	-0.00590	1.00000	-0.14551	0.97545

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.10000	0.90000	0.00000	0.00000	0.14167	-0.00245	-0.41320	-1.05862	0.94908
0.10000	0.90000	0.10000	0.00000	0.14167	-0.00245	0.58435	-0.11199	0.94908
0.10000	0.90000	0.20000	0.00000	0.14167	-0.00245	1.00000	0.25275	0.94908
0.10000	0.90000	0.30000	0.00000	0.14167	-0.00245	1.00000	0.20183	0.94908
0.10000	0.90000	0.40000	0.00000	0.14167	-0.00245	1.00000	0.15092	0.94908
0.10000	0.90000	0.50000	0.00000	0.14167	-0.00245	1.00000	0.10000	0.94908
0.10000	0.90000	0.60000	0.00000	0.14167	-0.00245	1.00000	0.04908	0.94908
0.10000	0.90000	0.70000	0.00000	0.14167	-0.00245	1.00000	-0.00183	0.94908
0.10000	0.90000	0.80000	0.00000	0.14167	-0.00245	1.00000	-0.05275	0.94908
0.10000	0.90000	0.90000	0.00000	0.14167	-0.00245	1.00000	-0.10366	0.94908
0.10000	0.90000	1.00000	0.00000	0.14167	-0.00245	1.00000	-0.15458	0.94908

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.15000	0.90000	0.00000	0.00000	0.17334	-0.00092	-0.15456	-0.60061	0.92382
0.15000	0.90000	0.10000	0.00000	0.17334	-0.00092	0.51150	-0.18534	0.92382
0.15000	0.90000	0.20000	0.00000	0.17334	-0.00092	1.00000	0.25237	0.92382
0.15000	0.90000	0.30000	0.00000	0.17334	-0.00092	1.00000	0.20158	0.92382
0.15000	0.90000	0.40000	0.00000	0.17334	-0.00092	1.00000	0.15079	0.92382
0.15000	0.90000	0.50000	0.00000	0.17334	-0.00092	1.00000	0.10000	0.92382
0.15000	0.90000	0.60000	0.00000	0.17334	-0.00092	1.00000	0.04921	0.92382
0.15000	0.90000	0.70000	0.00000	0.17334	-0.00092	1.00000	-0.00158	0.92382
0.15000	0.90000	0.80000	0.00000	0.17334	-0.00092	1.00000	-0.05237	0.92382
0.15000	0.90000	0.90000	0.00000	0.17334	-0.00092	1.00000	-0.10316	0.92382
0.15000	0.90000	1.00000	0.00000	0.17334	-0.00092	1.00000	-0.15395	0.92382

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.20000	0.90000	0.00000	0.00000	0.20000	0.00000	0.00000	=0.64854	0.89941
0.20000	0.90000	0.10000	0.00000	0.20000	0.00000	0.50000	=0.19883	0.89941
0.20000	0.90000	0.20000	0.00000	0.20000	0.00000	1.00000	0.25088	0.89941
0.20000	0.90000	0.30000	0.00000	0.20000	0.00000	1.00000	0.20059	0.89941
0.20000	0.90000	0.40000	0.00000	0.20000	0.00000	1.00000	0.15029	0.89941
0.20000	0.90000	0.50000	0.00000	0.20000	0.00000	1.00000	0.10000	0.89941
0.20000	0.90000	0.60000	0.00000	0.20000	0.00000	1.00000	0.04971	0.89941
0.20000	0.90000	0.70000	0.00000	0.20000	0.00000	1.00000	=0.00059	0.89941
0.20000	0.90000	0.80000	0.00000	0.20000	0.00000	1.00000	=0.05088	0.89941
0.20000	0.90000	0.90000	0.00000	0.20000	0.00000	1.00000	=0.10117	0.89941
0.20000	0.90000	1.00000	0.00000	0.20000	0.00000	1.00000	=0.15146	0.89941

RV/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.25000	0.90000	0.00000	0.00000	0.22345	0.00063	0.10564	-0.54587	0.87575
0.25000	0.90000	0.10000	0.00000	0.22345	0.00063	0.50589	-0.19532	0.87575
0.25000	0.90000	0.20000	0.00000	0.22345	0.00063	0.90614	0.15524	0.87575
0.25000	0.90000	0.30000	0.00000	0.22345	0.00063	1.00000	0.19940	0.87575
0.25000	0.90000	0.40000	0.00000	0.22345	0.00063	1.00000	0.14970	0.87575
0.25000	0.90000	0.50000	0.00000	0.22345	0.00063	1.00000	0.10000	0.87575
0.25000	0.90000	0.60000	0.00000	0.22345	0.00063	1.00000	0.05030	0.87575
0.25000	0.90000	0.70000	0.00000	0.22345	0.00063	1.00000	0.00060	0.87575
0.25000	0.90000	0.80000	0.00000	0.22345	0.00063	1.00000	-0.04910	0.87575
0.25000	0.90000	0.90000	0.00000	0.22345	0.00063	1.00000	-0.09879	0.87575
0.25000	0.90000	1.00000	0.00000	0.22345	0.00063	1.00000	-0.14849	0.87575

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.30000	0.90000	0.00000	0.00000	0.24462	0.00109	0.18370	-0.47088	0.85275
0.30000	0.90000	0.10000	0.00000	0.24462	0.00109	0.51740	-0.18627	0.85275
0.30000	0.90000	0.20000	0.00000	0.24462	0.00109	0.85110	0.09835	0.85275
0.30000	0.90000	0.30000	0.00000	0.24462	0.00109	1.00000	0.19817	0.85275
0.30000	0.90000	0.40000	0.00000	0.24462	0.00109	1.00000	0.14908	0.85275
0.30000	0.90000	0.50000	0.00000	0.24462	0.00109	1.00000	0.10000	0.85275
0.30000	0.90000	0.60000	0.00000	0.24462	0.00109	1.00000	0.05092	0.85275
0.30000	0.90000	0.70000	0.00000	0.24462	0.00109	1.00000	0.00183	0.85275
0.30000	0.90000	0.80000	0.00000	0.24462	0.00109	1.00000	-0.04725	0.85275
0.30000	0.90000	0.90000	0.00000	0.24462	0.00109	1.00000	-0.09633	0.85275
0.30000	0.90000	1.00000	0.00000	0.24462	0.00109	1.00000	-0.14542	0.85275

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.35000	0.90000	0.00000	0.00000	0.26407	0.00145	0.24442	-0.41321	0.83034
0.35000	0.90000	0.10000	0.00000	0.26407	0.00145	0.53055	-0.17555	0.83034
0.35000	0.90000	0.20000	0.00000	0.26407	0.00145	0.81668	0.06210	0.83034
0.35000	0.90000	0.30000	0.00000	0.26407	0.00145	1.00000	0.19695	0.83034
0.35000	0.90000	0.40000	0.00000	0.26407	0.00145	1.00000	0.14847	0.83034
0.35000	0.90000	0.50000	0.00000	0.26407	0.00145	1.00000	0.10000	0.83034
0.35000	0.90000	0.60000	0.00000	0.26407	0.00145	1.00000	0.05153	0.83034
0.35000	0.90000	0.70000	0.00000	0.26407	0.00145	1.00000	0.00305	0.83034
0.35000	0.90000	0.80000	0.00000	0.26407	0.00145	1.00000	-0.04542	0.83034
0.35000	0.90000	0.90000	0.00000	0.26407	0.00145	1.00000	-0.09389	0.83034
0.35000	0.90000	1.00000	0.00000	0.26407	0.00145	1.00000	-0.14237	0.83034

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.40000	0.90000	0.00000	0.00000	0.28215	0.00174	0.29340	-0.36720	0.80848
0.40000	0.90000	0.10000	0.00000	0.28215	0.00174	0.54384	-0.16464	0.80848
0.40000	0.90000	0.20000	0.00000	0.28215	0.00174	0.79427	0.03791	0.80848
0.40000	0.90000	0.30000	0.00000	0.28215	0.00174	1.00000	0.19576	0.80848
0.40000	0.90000	0.40000	0.00000	0.28215	0.00174	1.00000	0.14788	0.80848
0.40000	0.90000	0.50000	0.00000	0.28215	0.00174	1.00000	0.10000	0.80848
0.40000	0.90000	0.60000	0.00000	0.28215	0.00174	1.00000	0.05212	0.80848
0.40000	0.90000	0.70000	0.00000	0.28215	0.00174	1.00000	0.00424	0.80848
0.40000	0.90000	0.80000	0.00000	0.28215	0.00174	1.00000	-0.04364	0.80848
0.40000	0.90000	0.90000	0.00000	0.28215	0.00174	1.00000	-0.09152	0.80848
0.40000	0.90000	1.00000	0.00000	0.28215	0.00174	1.00000	-0.13940	0.80848

E/Y 168.60000

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0.45000	0.90000	0.00000	0.00000	0.29911	0.00198	0.33399	-0.32948	0.78713
0.45000	0.90000	0.10000	0.00000	0.29911	0.00198	0.55666	-0.15412	0.78713
0.45000	0.90000	0.20000	0.00000	0.29911	0.00198	0.77932	0.02123	0.78713
0.45000	0.90000	0.30000	0.00000	0.29911	0.00198	1.00000	0.19461	0.78713
0.45000	0.90000	0.40000	0.00000	0.29911	0.00198	1.00000	0.14730	0.78713
0.45000	0.90000	0.50000	0.00000	0.29911	0.00198	1.00000	0.10000	0.78713
0.45000	0.90000	0.60000	0.00000	0.29911	0.00198	1.00000	0.05270	0.78713
0.45000	0.90000	0.70000	0.00000	0.29911	0.00198	1.00000	0.00539	0.78713
0.45000	0.90000	0.80000	0.00000	0.29911	0.00198	1.00000	-0.04191	0.78713
0.45000	0.90000	0.90000	0.00000	0.29911	0.00198	1.00000	-0.08922	0.78713
0.45000	0.90000	1.00000	0.00000	0.29911	0.00198	1.00000	-0.13652	0.78713

RY/ET	P/Y	D/T	DC/T	DT/T	EA	SIGMA/Y	RES/Y	R1/R0
0,50000	0,90000	0,00000	0,00000	0,31514	0,00218	0,36835	-0,29791	0,76625
0,50000	0,90000	0,10000	0,00000	0,31514	0,00218	0,56878	-0,14422	0,76625
0,50000	0,90000	0,20000	0,00000	0,31514	0,00218	0,76922	0,00947	0,76625
0,50000	0,90000	0,30000	0,00000	0,31514	0,00218	0,96966	0,16316	0,76625
0,50000	0,90000	0,40000	0,00000	0,31514	0,00218	1,00000	0,14675	0,76625
0,50000	0,90000	0,50000	0,00000	0,31514	0,00218	1,00000	0,10000	0,76625
0,50000	0,90000	0,60000	0,00000	0,31514	0,00218	1,00000	0,05325	0,76625
0,50000	0,90000	0,70000	0,00000	0,31514	0,00218	1,00000	0,00650	0,76625
0,50000	0,90000	0,80000	0,00000	0,31514	0,00218	1,00000	-0,04025	0,76625
0,50000	0,90000	0,90000	0,00000	0,31514	0,00218	1,00000	-0,08700	0,76625
0,50000	0,90000	1,00000	0,00000	0,31514	0,00218	1,00000	-0,13375	0,76625

DOCUMENT M60A , NORM[M60A , LP00 ON 27/01/71 AT 38.32

38/29/40 0#XFAT #XKEE

38/29/42 0#XFAT HALT IS

38/30/31 0#XFAT DLT D FI #XPCK

38/30/32 0#XFAT CLKD 1

38/30/32 0#XFAT DLT D

38/30/35 0#XPCK #XFAT

38/30/37 0#XPCK 6912

38/30/41 0#XPCK 7040

38/30/46 0#M60A #XPCK

38/30/51 0#M60A 2816

38/30/51 0#M60A HALT LD

38/32/21 0#M60A DLT D 00

38/32/21 0#M60A CLKD 23

38/32/21 0#M60A DLT D

ACCOUNT CODE	1905M60B	DATE	27/01/71	TOTAL MILL TIME	24
JOB NAME	M60A	START TIME	38/29/33	INPUT RECORDS	0
USER NAME	W.A.C. SWIFT	END TIME	38/32/22	OUTPUT RECORDS	1778
PERIPHERALS USED	15			MAX. CORE SIZE	17408

JD ERRORS

JOB M60A,1905H60B,W.A.C.SWIFT
FORTRAN 1,CRO(M60APROG),40,9000

ER.B

9F07 IN

RUN BY GEORGE 2/MK8C ON 27/01/71 AT 39.58

DOCUMENT M60A 127/01/71 AT 39.59

FORTRAN COMPILATION BY #XFAT NK 2E DATE 27/01/71 TIME 39/59/09

0001	LIST(LP)
0002	SEND TO (ED,RUN,FILE)
0003	PROGRAM(M60A1905M60B)
0004	OUTPUT 2=LP0
0005	END

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ORIGINAL THESIS**



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ORIGINAL**


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0006 C SPRING DESIGN PROBLEM
0007 MASTER SPRING
0008 REAL LRATIO
0009 FORMAT (1H1,10X,'PROGRAM SPRING DESIGN',//)
0010 WRITE (2,100)
0011 100 FORMAT (1H0,10X,'RADIUS-V=THETA RELATIONSHIP',//)
0012 200 WRITE (2,200)
0013 DO 888, K=1,5
0014 PRATIO = (K-1)*0.200000
0015 YRATIO = 168.60000
0016 LRATIO = 0.25000
0017 THETA = 0.00000
0018 RAD = 0.10000
0019 Z = 0.00000
0020 WRITE (2,300) YRATIO,PRATIO
0021 111 DRAD = LRATIO/(SQRT((RAD*YRATIO)**2 + 1.00000))
0022 EDASH = -(1-PRATIO)/(2.00000*RAD*YRATIO)
0023 EA=EDASH/(1-EDASH)
0024 IF (ABS(EA).LT.(1/YRATIO-0.2E-4)) GO TO 777
0025 C
0026 C COMPRESSIVE YIELDING
0027 C
0028 B=0.0
0029 A=1/YRATIO*(RAD/(1+EA))*2*2.0000*(1/(3.0000*YRATIO)+EA*EA*YRATIO)
0030 ADEN=1.000*EA=4.0000*PRATIO/YRATIO+3.000*A
0031 RR=(1.0000*EA+6.0000*RAD*(PRATIO-YRATIO*A))/ADEN
0032 GO TO 999

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0035 PRATIO = (1-PRATIO-EA) * D / (1+EA)
0036 EDASH = (1-SQRT((2.00000-2.00000*PRATIO)/RAD))/YRATIO
0037 EA = EDASH / (1 - EDASH)
0038 B = 1/YRATIO = (1/YRATIO-EA) * ((TRATIO)**2) * ((TRATIO)**3) * 2 * (1+EA) / (3*R
0039 1AD*YRATIO)
0040 BDEN = 1+EA = 4.0*PRATIO/YRATIO+3.0*B
0041 RR = (1+EA+6.0*RAD*PRATIO-6.0*RAD*YRATIO*B)/BDEN
0042 ROT = RAD*YRATIO
0043 RNT = ROT/RR
0044
0045 ROT = ORIG VALUE OF R/T
0046 RNT = SPRUNG VALUE OF R/T
0047 RR = ORIG VALUE OF R/SPRUNG VALUE OF R
0048
0049 DTHETA = LRATIO*YRATIO*360.00000/(3.1417*(Z+RNT))
0050 IF (Z.EQ.0) DTHETA = 0.00000
0051 THETA = THETA + DTHETA
0052 Z = RNT
0053
0054 300 FORMAT (1H1,40X,'E/V=' ,F12.5,10X,'P/Y=' ,F12.5,10X,'RY/ET',6X,
0055 1'RO/T',9X,'RN/T',7X'DTHETA',8X,'THETA')
0056 400 FORMAT (1H0,5F13.5)
0057 WRITE (2,400) RAD,ROT,RNT,DTHETA,THETA
0058 IF (RAD.GT.0.50000) GO TO 888
0059 RAD = RAD + DRAD
0060 GO TO 111
0061 CONTINUE
0062 STOP
0063 END
0064

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END OF SEGMENT? LENGTH 288, NAME SPRING

0065 FINISH

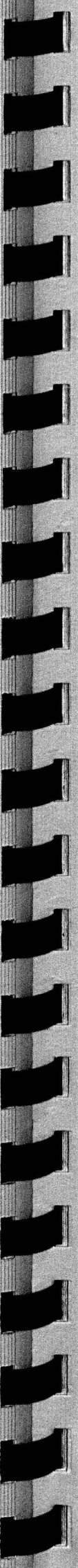
END OF COMPILATION = NO ERRORS

S/C SUBFILE: 9 BUCKETS USED

DOCUMENT M60A [27/01/71 AT 39.59

CONSOLIDATED BY XPCK 8A DATE 27/01/71 TIME 39/59/21
PROGRAM M60A
EXTENDED DATA (22AM)
COMPACT PROGRAM (DBM)
CORE 2624

SEG	SPRING
SEG	SORT
SEG	ABS



DOCUMENT H60A [27/01/71 AT 39.59

PROGRAM SPRING DESIGN

RADIUS-V-THETA RELATIONSHIP

E/Y= 168.60000 P/Y= 0.00000

RY/ET	RO/T	RN/T	DTHETA	THETA
0.10000	16.86000	24.46155	0.00000	0.00000
0.11480	19.35561	29.89602	88.85366	88.85366
0.12770	21.53038	35.21002	74.18465	163.03832
0.13930	23.48597	40.52122	63.77645	226.81476
0.14993	25.27903	45.89882	55.88830	282.70306
0.15982	26.94512	51.39031	49.64449	332.34756
0.16909	28.50833	57.03218	44.54674	376.89430
0.17785	29.98594	62.85490	40.28682	417.18112
0.18619	31.39082	68.88556	36.66200	453.84312
0.19415	32.73289	75.14952	33.53259	487.37571
0.20178	34.01998	81.67136	30.79863	518.17435
0.20912	35.25842	88.47557	28.38646	546.56081
0.21621	36.45340	95.58706	26.24036	572.80116

0,22307	37,60924	103,03158	24,31730	597,11846
0,22971	38,72953	110,83603	22,58345	619,70192
0,23617	39,81753	119,02879	21,01178	640,71370
0,24244	40,87578	127,64001	19,58038	660,29408
0,24856	41,90664	136,70189	18,27130	678,56537
0,25452	42,91216	146,24896	17,06964	695,63501
0,26034	43,89413	156,31846	15,96295	711,59797
0,26604	44,85415	166,95058	14,94071	726,53868
0,27161	45,79363	178,18890	13,99396	740,53264
0,27707	46,71384	190,08078	13,11503	753,64767
0,28242	47,61594	202,67777	12,29730	765,94497
0,28767	48,50095	216,03616	11,53501	777,47998
0,29282	49,36982	230,21749	10,82315	788,30313
0,29788	50,22341	245,28925	10,15731	798,46044
0,30286	51,06249	261,32554	9,53361	807,99405
0,30776	51,88779	278,40789	8,94862	816,94267
0,31257	52,69997	296,62625	8,39927	825,34195
0,31732	53,49964	316,07998	7,88285	833,22479
0,32199	54,28736	336,87913	7,39689	840,62169
0,32659	55,06365	359,14581	6,93922	847,56090
0,33113	55,82900	383,01583	6,50784	854,06874
0,33561	56,58386	408,64059	6,10097	860,16971
0,34003	57,32866	436,18926	5,71697	865,88668
0,34439	58,06378	465,85134	5,35438	871,24106
0,34869	58,78960	497,83960	5,01184	876,25291
0,35294	59,50646	532,39366	4,68813	880,94104
0,35715	60,21468	569,78406	4,38211	885,32316
0,36130	60,91458	610,31716	4,09276	889,41591
0,36540	61,60644	654,34095	3,81911	893,23502
0,36946	62,29053	702,25198	3,56029	896,79532
0,37347	62,96712	754,50365	3,31550	900,11082
0,37744	63,63643	811,61621	3,08397	903,19479

0,38910	65,60300	1018,59730	2,46232	911,18013
0,39291	66,24543	1102,17593	2,27741	913,65754
0,39669	66,88162	1194,74978	2,10275	915,56030
0,40043	67,51177	1297,61380	1,93787	917,49816
0,40413	68,13604	1412,30125	1,78230	919,28046
0,40780	68,75459	1540,63803	1,63561	920,91607
0,41143	69,36757	1684,81190	1,49742	922,41350
0,41504	69,97514	1847,46147	1,36735	923,78085
0,41861	70,57744	2031,79182	1,24505	925,02590
0,42215	71,17459	2241,72606	1,13019	926,15609
0,42566	71,76674	2482,10620	1,02245	927,17854
0,42915	72,35400	2758,96263	0,92154	928,10008
0,43260	72,93650	3079,88016	0,82720	928,92728
0,43603	73,51435	3454,50216	0,73915	929,66642
0,43943	74,08765	3895,23599	0,65715	930,32357
0,44280	74,65652	4418,25616	0,58097	930,90454
0,44615	75,22105	5044,95857	0,51038	931,41492
0,44947	75,78135	5804,11249	0,44519	931,86011
0,45277	76,33751	6735,11995	0,38518	932,24529
0,45605	76,88962	7893,08488	0,33018	932,57547
0,45930	77,43776	9356,93554	0,27999	932,85546
0,46253	77,98202	11242,89432	0,23446	933,08992
0,46573	78,52240	13727,72820	0,19342	933,28334
0,46892	79,05923	17090,80739	0,15672	933,44006
0,47208	79,59233	21794,58399	0,12421	933,56427
0,47522	80,12186	28649,46248	0,09575	933,66002
0,47834	80,64790	39181,58046	0,07120	933,73122
0,48144	81,17050	56548,08890	0,05045	933,78167
0,48452	81,68974	88174,92943	0,03337	933,81505
0,48758	82,20568	155128,25399	0,01985	933,83490
0,49062	82,71838	338447,36277	0,00979	933,84468
0,49364	83,22790	1214708,60918	0,00311	933,84779

0.49664	83.73430*92487100.91405	0.00005	933.84785
0.49963	84.237652115789.63812	0.00005	933.84790
0.50260	84.73798 514627.97770	0.00184	933.84973

E/Y= 168.60000 P/Y= 0.20000

RY/EY	RO/T	RN/T	DTHETA	THETA
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0.11480	19.35561	29.14572	90.98160	90.98160
0.12770	21.53038	34.19672	76.25013	167.23173
0.13930	23.48597	39.20719	65.79853	233.03026
0.14993	25.27903	44.24221	57.87782	290.90808
0.15982	26.94512	49.34481	51.60833	342.51640
0.16909	28.50833	54.54655	46.48961	389.00602
0.17785	29.98594	59.87243	42.21213	431.21815
0.18619	31.39082	65.34350	38.57232	469.79047
0.19415	32.73289	70.97836	35.42989	505.22036
0.20178	34.01998	76.79408	32.68451	537.90487
0.20912	35.25842	82.80678	30.26218	568.16704

223 95.527 2.756 4.64

0,22971	38,72958	102,18173	24,43437	646,88408
0,23617	39,81753	109,13686	22,85587	669,73995
0,24244	40,87578	116,36635	21,41818	691,15813
0,24856	41,90664	123,88622	20,10330	711,26143
0,25452	42,91216	131,71293	18,89626	730,15769
0,26034	43,89413	139,86342	17,78457	747,94227
0,26604	44,85415	148,35518	16,75766	764,69993
0,27161	45,79363	157,20631	15,80654	780,50646
0,27707	46,71384	166,43553	14,92350	795,42996
0,28242	47,61594	176,06223	14,10190	809,53187
0,28767	48,50095	186,10650	13,33596	822,86783
0,29282	49,36982	196,58912	12,62065	835,48848
0,29788	50,22341	207,53160	11,95155	847,44003
0,30286	51,06249	218,95616	11,32475	858,76479
0,30776	51,88779	230,88570	10,73682	869,50160
0,31257	52,69997	243,34383	10,18467	879,68627
0,31732	53,49964	256,35478	9,66556	889,35183
0,32199	54,28736	269,94335	9,17706	898,52889
0,32659	55,06365	284,13488	8,71694	907,24584
0,33113	55,82900	298,95512	8,28323	915,52907
0,33561	56,58386	314,43011	7,87412	923,40319
0,34003	57,32866	330,58608	7,48798	930,89117
0,34439	58,06378	347,44920	7,12333	938,01450
0,34869	58,78960	365,04547	6,77881	944,79332
0,35294	59,50646	383,40036	6,45320	951,24651
0,35715	60,21468	402,53861	6,14535	957,39186
0,36130	60,91458	422,48384	5,85423	963,24609
0,36540	61,60644	443,25817	5,57888	968,82497
0,36946	62,29053	464,88176	5,31842	974,14339
0,37347	62,96712	487,37233	5,07204	979,21543
0,37744	63,63643	510,74453	4,83898	984,05441
0,38137	64,29870	535,00935	4,61855	988,67296

0,38526	64,95416	560,17338	4,41010	993,08306
0,38910	65,60300	586,23804	4,21303	997,29610
0,39291	66,24543	613,19871	4,02678	1001,32288
0,39669	66,88162	641,04388	3,85083	1005,17370
0,40043	67,51177	669,75731	3,68467	1008,85837
0,40413	68,13604	699,60031	3,52711	1012,38548
0,40780	68,75459	730,80573	3,37657	1015,76205
0,41143	69,36757	763,45027	3,23229	1018,99434
0,41504	69,97514	797,61591	3,09396	1022,08830
0,41861	70,57744	833,39036	2,96128	1025,04958
0,42215	71,17459	870,86756	2,83400	1027,88358
0,42566	71,76674	910,14818	2,71186	1030,59544
0,42915	72,35400	951,34023	2,59463	1033,19007
0,43260	72,93650	994,55972	2,48207	1035,67214
0,43603	73,51435	1039,93134	2,37399	1038,04614
0,43943	74,08765	1087,58928	2,27019	1040,31633
0,44280	74,65652	1137,67808	2,17047	1042,48679
0,44615	75,22105	1190,35363	2,07466	1044,56145
0,44947	75,78135	1245,78426	1,98259	1046,54404
0,45277	76,33751	1304,15187	1,89411	1048,43816
0,45605	76,88962	1365,65337	1,80907	1050,24723
0,45930	77,43776	1430,50212	1,72732	1051,97455
0,46253	77,98202	1498,92960	1,64874	1053,62329
0,46573	78,52249	1571,18732	1,57319	1055,19648
0,46892	79,05923	1647,54893	1,50055	1056,69703
0,47208	79,59233	1728,31260	1,43071	1058,12774
0,47522	80,12186	1813,80367	1,36355	1059,49129
0,47834	80,64790	1904,37774	1,29899	1060,79028
0,48144	81,17050	2000,42408	1,23691	1062,02718
0,48452	81,68974	2102,36955	1,17721	1063,20440
0,48758	82,20568	2210,68306	1,11983	1064,32422
0,49062	82,71838	2325,88067	1,06465	1065,38888

0.49963 84.23765 2718.77445 0.91163 1068.27276
0.50260 84.73798 2867.83529 0.86454 1069.13730

E/Y= 168.60000 P/Y= 0.40000

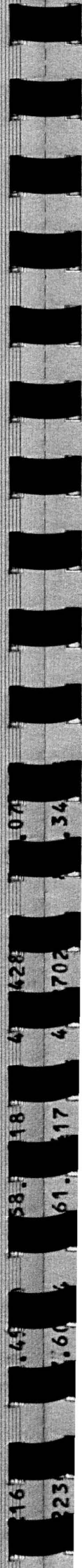
RY/ET	RO/T	RN/T	DTHETA	THETA
0.10000	16.86000	22.66239	0.00000	0.00000
0.11480	19.35561	27.30001	96.67008	96.67008
0.12770	21.53038	31.70812	81.85091	178.52099
0.13930	23.48597	35.99397	71.34003	249.86102
0.14993	25.27903	40.21625	63.37561	313.23663
0.15982	26.94512	44.41130	57.07207	370.30869
0.16909	28.50833	48.60348	51.92583	422.23452
0.17785	29.98594	52.81009	47.62548	469.86000
0.18619	31.39082	57.04391	43.96626	513.82625
0.19415	32.73289	61.31468	40.80708	554.63334
0.20178	34.01998	65.62994	38.04706	592.68039
0.20912	35.25842	69.99565	35.61178	628.29218
0.21621	36.45340	74.41653	33.44503	661.73720

0,22307	37,60924	78,89630	31,50336	693,24056
0,22971	38,72958	83,43790	29,75263	722,99319
0,23617	39,81753	88,04356	28,16555	751,15874
0,24244	40,87578	92,71492	26,72001	777,87875
0,24856	41,90664	97,45310	25,39790	803,27666
0,25452	42,91216	102,25872	24,18419	827,46085
0,26034	43,89413	107,13193	23,06631	850,52716
0,26604	44,85415	112,07246	22,03363	872,56079
0,27161	45,79363	117,07963	21,07713	893,63793
0,27707	46,71384	122,15234	20,18906	913,82699
0,28242	47,61594	127,28909	19,36274	933,18973
0,28767	48,50095	132,48800	18,59236	951,78209
0,29282	49,36982	137,74678	17,87286	969,65495
0,29788	50,22341	143,06276	17,19980	986,85476
0,30286	51,06249	148,43936	16,56890	1003,42366
0,30776	51,88779	153,90462	15,97475	1019,39840
0,31257	52,69997	159,46450	15,41272	1034,81112
0,31732	53,49964	165,12176	14,88008	1049,69120
0,32199	54,28736	170,87918	14,37457	1064,06577
0,32659	55,06365	176,73957	13,89416	1077,95992
0,33113	55,82900	182,70583	13,43700	1091,39693
0,33561	56,58386	188,78089	13,00146	1104,39839
0,34003	57,32866	194,96776	12,58602	1116,98441
0,34439	58,06378	201,26952	12,18934	1129,17374
0,34869	58,78960	207,68933	11,81016	1140,98390
0,35294	59,50646	214,23045	11,44736	1152,43127
0,35715	60,21468	220,89621	11,09992	1163,53118
0,36130	60,91458	227,69004	10,76687	1174,29805
0,36540	61,60644	234,61552	10,44735	1184,74540
0,36946	62,29053	241,67628	10,14057	1194,88597
0,37347	62,96712	248,87612	9,84578	1204,73175
0,37744	63,63643	256,21895	9,56230	1214,29405

0.49664	83.73430	649.36258	3.76730	1427.21349
0.49963	84.23765	666.52310	3.67043	1430.88393
0.50260	84.73798	684.19037	3.57579	1434.45972

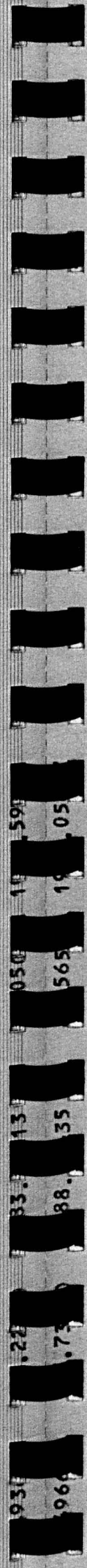
E/Y= 168.60000 P/Y= 0.60000

RY/ET	RO/T	RN/T	DTHETA	THETA
0.10000	16.86000	20.86067	0.00000	0.00000
0.11480	19.35561	24.75195	105.88888	105.88888
0.12770	21.53038	28.34380	90.96526	196.85415
0.13930	23.48597	31.74043	80.38497	277.23912
0.14993	25.27903	34.99821	72.36992	349.60904
0.15982	26.94512	38.15142	66.02726	415.63629
0.16909	28.50833	41.22249	60.84958	476.48587
0.17785	29.98594	44.22679	56.52323	533.00910
0.18619	31.39082	47.17523	52.84204	585.85114
0.19415	32.73289	50.07571	49.66399	635.51513
0.20178	34.01998	52.93434	46.88736	682.40249
0.20912	35.25842	55.76371	44.43381	726.83631



0,22971	38,72958	64,14344	38,48268	847,83206
0,23617	39,81753	66,91321	36,85329	884,68536
0,24244	40,87578	69,67631	35,36047	920,04583
0,24856	41,90664	72,43521	33,98647	954,03230
0,25452	42,91216	75,19214	32,71663	986,74893
0,26034	43,89413	77,94908	31,53866	1018,28759
0,26604	44,85415	80,70785	30,44222	1048,72981
0,27161	45,79363	83,47009	29,41850	1078,14831
0,27707	46,71384	86,23734	28,45998	1106,60829
0,28242	47,61594	89,01100	27,56014	1134,16843
0,28767	48,50095	91,79241	26,71337	1160,88180
0,29282	49,36982	94,58283	25,91476	1186,79656
0,29788	50,22341	97,38343	25,15999	1211,95655
0,30286	51,06249	100,19536	24,44528	1236,40183
0,30776	51,88779	103,01969	23,76728	1260,16911
0,31257	52,69997	105,85748	23,12301	1283,29213
0,31732	53,49964	108,70975	22,50982	1305,80194
0,32199	54,28736	111,57748	21,92532	1327,72727
0,32659	55,06365	114,46166	21,36740	1349,09467
0,33113	55,82900	117,36323	20,83413	1369,92880
0,33561	56,58386	120,28313	20,32377	1390,25256
0,34003	57,32866	123,22231	19,83475	1410,08731
0,34439	58,06378	126,18167	19,36565	1429,45296
0,34869	58,78960	129,16215	18,91516	1448,36812
0,35294	59,50646	132,16467	18,48210	1466,85022
0,35715	60,21468	135,19016	18,06539	1484,91561
0,36130	60,91458	138,23954	17,66403	1502,57963
0,36540	61,60644	141,31375	17,27710	1519,85673
0,36946	62,29053	144,41374	16,90376	1536,76049
0,37347	62,96712	147,54045	16,54324	1553,30374
0,37744	63,63643	150,69487	16,19483	1569,49856
0,38137	64,29870	153,87796	15,85785	1585,35641

0,38526	64,95416	157,09074	15,53169	1600,88810
0,38910	65,60300	160,33421	15,21578	1616,10388
0,39291	66,24543	163,60941	14,90960	1631,01348
0,39669	66,88162	166,91740	14,61264	1645,62612
0,40043	67,51177	170,25926	14,32445	1659,95056
0,40413	68,13604	173,63610	14,04459	1673,99515
0,40780	68,75459	177,04905	13,77267	1687,76782
0,41143	69,36757	180,49926	13,50830	1701,27612
0,41504	69,97514	183,98793	13,25114	1714,52725
0,41861	70,57744	187,51628	13,00085	1727,52810
0,42215	71,17459	191,08556	12,75712	1740,28522
0,42566	71,76674	194,69708	12,51966	1752,80489
0,42915	72,35400	198,35215	12,28820	1765,09309
0,43260	72,93650	202,05215	12,06248	1777,15557
0,43603	73,51435	205,79849	11,84225	1788,99782
0,43943	74,08765	209,59263	11,62728	1800,62510
0,44280	74,65652	213,43606	11,41736	1812,04246
0,44615	75,22105	217,33034	11,21227	1823,25473
0,44947	75,78135	221,27707	11,01183	1834,26655
0,45277	76,33751	225,27792	10,81584	1845,08240
0,45605	76,88962	229,33458	10,62415	1855,70654
0,45930	77,43776	233,44884	10,43656	1866,14311
0,46253	77,98202	237,62253	10,25295	1876,39605
0,46573	78,52249	241,85756	10,07314	1886,46919
0,46892	79,05923	246,15589	9,89700	1896,36619
0,47208	79,59233	250,51957	9,72440	1906,09059
0,47522	80,12186	254,95073	9,55520	1915,64579
0,47834	80,64790	259,45156	9,38928	1925,03507
0,48144	81,17050	264,02435	9,22654	1934,26161
0,48452	81,68974	268,67149	9,06684	1943,32845
0,48758	82,20568	273,39543	8,91010	1952,23855
0,49062	82,71838	278,19875	8,75620	1960,99475



0.930 0.22 0.33 0.13 0.050 10.59
0.960 0.73 0.88 0.35 0.565 10.05

0.49963 84.23765 293.11231 8.31064 1986.36701
0.50260 84.73798 298.26103 8.16721 1994.53422

E/Y= 168.60000 P/Y= 0.80000

RY/ET	RO/T	RN/T	DTHETA	THETA
0.10000	16.86000	18.79744	0.00000	0.00000
0.11480	19.35561	21.92331	118.60954	118.60954
0.12770	21.53038	24.72392	103.54033	222.14987
0.13930	23.48597	27.30471	92.83099	314.98086
0.14993	25.27903	29.72426	84.69151	399.67237
0.15982	26.94512	32.01927	78.22471	477.89708
0.16909	28.50833	34.21463	72.92140	550.81848
0.17785	29.98594	36.32820	68.46719	619.28567
0.18619	31.39082	38.37330	64.65558	683.94125
0.19415	32.73289	40.36025	61.34449	745.28574
0.20178	34.01998	42.29721	58.43235	803.71809
0.20912	35.25842	44.19081	55.84437	859.56246
0.21621	36.45340	46.04651	53.52407	913.08654

0,22307	37,60924	47,86891	51,42786	964,51439
0,22971	38,72958	49,66191	49,52147	1014,03586
0,23617	39,81753	51,42885	47,77756	1061,81342
0,24244	40,87578	53,17266	46,17399	1107,98741
0,24856	41,90664	54,89590	44,69264	1152,68005
0,25452	42,91216	56,60085	43,31848	1195,99853
0,26034	43,89413	58,28953	42,03894	1238,03746
0,26604	44,85415	59,96377	40,84342	1278,88088
0,27161	45,79363	61,62523	39,72291	1318,60380
0,27707	46,71384	63,27541	38,66969	1357,27349
0,28242	47,61594	64,91569	37,67710	1394,95059
0,28767	48,50095	66,54736	36,73937	1431,68996
0,29282	49,36982	68,17159	35,85145	1467,54141
0,29788	50,22341	69,78949	35,00893	1502,55033
0,30286	51,06249	71,40208	34,20791	1536,75825
0,30776	51,88779	73,01035	33,44497	1570,20322
0,31257	52,69997	74,61519	32,71703	1602,92025
0,31732	53,49964	76,21750	32,02137	1634,94161
0,32199	54,28736	77,81808	31,35554	1666,29716
0,32659	55,06365	79,41773	30,71736	1697,01452
0,33113	55,82900	81,01722	30,10484	1727,11936
0,33561	56,58386	82,61727	29,51621	1756,63557
0,34003	57,32866	84,21858	28,94983	1785,58540
0,34439	58,06378	85,82184	28,40424	1813,98964
0,34869	58,78960	87,42771	27,87810	1841,86774
0,35294	59,50646	89,03685	27,37019	1869,23794
0,35715	60,21468	90,64988	26,87939	1896,11732
0,36130	60,91458	92,26742	26,40466	1922,52199
0,36540	61,60644	93,89008	25,94507	1948,46706
0,36946	62,29053	95,51846	25,49974	1973,96680
0,37347	62,96712	97,15316	25,06788	1999,03468
0,37744	63,63643	98,79477	24,64874	2023,68342



0,38910	65,60300	103,76681	23,46102	2095,23199
0,39291	66,24543	105,44182	23,08638	2118,31836
0,39669	66,88162	107,12663	22,72148	2141,03984
0,40043	67,51177	108,82181	22,36584	2163,40569
0,40413	68,13604	110,52793	22,01903	2185,42472
0,40780	68,75459	112,24559	21,68062	2207,10534
0,41143	69,36757	113,97537	21,35023	2228,45557
0,41504	69,97514	115,71786	21,02748	2249,48305
0,41861	70,57744	117,47365	20,71203	2270,19508
0,42215	71,17459	119,24335	20,40356	2290,59864
0,42566	71,76674	121,02758	20,10176	2310,70040
0,42915	72,35400	122,82694	19,80635	2330,50676
0,43260	72,93650	124,64208	19,51707	2350,02382
0,43603	73,51435	126,47362	19,23364	2369,25746
0,43943	74,08765	128,32222	18,95584	2388,21330
0,44280	74,65652	130,18855	18,68343	2406,89674
0,44615	75,22105	132,07327	18,41621	2425,31295
0,44947	75,78135	133,97707	18,15397	2443,46692
0,45277	76,33751	135,90066	17,89651	2461,36342
0,45605	76,88962	137,84476	17,64365	2479,00708
0,45930	77,43776	139,81011	17,39523	2496,40230
0,46253	77,98202	141,79744	17,15106	2513,55337
0,46573	78,52249	143,80755	16,91101	2530,46438
0,46892	79,05923	145,84122	16,67492	2547,13929
0,47208	79,59233	147,89926	16,44264	2563,58194
0,47522	80,12186	149,98251	16,21405	2579,79598
0,47834	80,64790	152,09183	15,98901	2595,78499
0,48144	81,17050	154,22809	15,76740	2611,55239
0,48452	81,68974	156,39222	15,54911	2627,10150
0,48758	82,20568	158,58514	15,33402	2642,43552
0,49062	82,71838	160,80782	15,12203	2657,55755
0,49364	83,22790	163,06126	14,91303	2672,47058

0.49664	83.73430	649.36258	3.76730	1427.21349
0.49963	84.23765	666.52310	3.67043	1430.88393
0.50260	84.73798	684.19037	3.57579	1434.45972

E/V= 168.60000 P/V= 0.60000

RY/ET	RO/T	RN/T	DTHETA	THETA
0.10000	16.86000	20.86067	0.00000	0.00000
0.11480	19.35561	24.75195	105.88888	105.88888
0.12770	21.53038	28.34380	90.96526	196.85415
0.13930	23.48597	31.74043	80.38497	277.23912
0.14993	25.27903	34.99821	72.36992	349.60904
0.15982	26.94512	38.15142	66.02726	415.63629
0.16909	28.50833	41.22249	60.84958	476.48587
0.17785	29.98594	44.22679	56.52323	533.00910
0.18619	31.39082	47.17523	52.84204	585.85114
0.19415	32.73289	50.07571	49.66399	635.51513
0.20178	34.01998	52.93434	46.88736	682.40249
0.20912	35.25842	55.76371	44.43381	726.83631

16 4 58 18 4 42 07

0.22971	38.72958	64.14344	38.48268	847.83206
0.23617	39.81753	66.91321	36.85329	884.68536
0.24244	40.87578	69.67631	35.36047	920.04583
0.24856	41.90664	72.43521	33.98647	954.03230
0.25452	42.91216	75.19214	32.71663	986.74893
0.26034	43.89413	77.94908	31.53866	1018.28759
0.26604	44.85415	80.70785	30.44222	1048.72981
0.27161	45.79363	83.47009	29.41850	1078.14831
0.27707	46.71384	86.23734	28.45998	1106.60829
0.28242	47.61594	89.01100	27.56014	1134.16843
0.28767	48.50095	91.79241	26.71337	1160.88180
0.29282	49.36982	94.58283	25.91476	1186.79656
0.29788	50.22341	97.38343	25.15999	1211.95655
0.30286	51.06249	100.19536	24.44528	1236.40183
0.30776	51.88779	103.01969	23.76728	1260.16911
0.31257	52.69997	105.85748	23.12301	1283.29213
0.31732	53.49964	108.70975	22.50982	1305.80194
0.32199	54.28736	111.57748	21.92532	1327.72727
0.32659	55.06365	114.46166	21.36740	1349.09467
0.33113	55.82900	117.36323	20.83413	1369.92880
0.33561	56.58386	120.28313	20.32377	1390.25256
0.34003	57.32866	123.22231	19.83475	1410.08731
0.34439	58.06378	126.18167	19.36565	1429.45296
0.34869	58.78960	129.16215	18.91516	1448.36812
0.35294	59.50646	132.16467	18.48210	1466.85022
0.35715	60.21468	135.19016	18.06539	1484.91561
0.36130	60.91458	138.23954	17.66403	1502.57963
0.36540	61.60644	141.31375	17.27710	1519.85673
0.36946	62.29053	144.41374	16.90376	1536.76049
0.37347	62.96712	147.54045	16.54324	1553.30374
0.37744	63.63643	150.69487	16.19483	1569.49856
0.38137	64.29870	153.87796	15.85785	1585.35641

0,38526	64,95416	157,09074	15,53169	1600,88810
0,38910	65,60300	160,33421	15,21578	1616,10388
0,39291	66,24543	163,60941	14,90960	1631,01348
0,39669	66,88162	166,91740	14,61264	1645,62612
0,40043	67,51177	170,25926	14,32445	1659,95056
0,40413	68,13604	173,63610	14,04459	1673,99515
0,40780	68,75459	177,04905	13,77267	1687,76782
0,41143	69,36757	180,49926	13,50830	1701,27612
0,41504	69,97514	183,98793	13,25114	1714,52725
0,41861	70,57744	187,51628	13,00085	1727,52810
0,42215	71,17459	191,08556	12,75712	1740,28522
0,42566	71,76674	194,69708	12,51966	1752,80489
0,42915	72,35400	198,35215	12,28820	1765,09309
0,43260	72,93650	202,05215	12,06248	1777,15557
0,43603	73,51435	205,79849	11,84225	1788,99782
0,43943	74,08765	209,59263	11,62728	1800,62510
0,44280	74,65652	213,43606	11,41736	1812,04246
0,44615	75,22105	217,33034	11,21227	1823,25473
0,44947	75,78135	221,27707	11,01183	1834,26655
0,45277	76,33751	225,27792	10,81584	1845,08240
0,45605	76,88962	229,33458	10,62415	1855,70654
0,45930	77,43776	233,44884	10,43656	1866,14311
0,46253	77,98202	237,62253	10,25295	1876,39605
0,46573	78,52249	241,85756	10,07314	1886,46919
0,46892	79,05923	246,15589	9,89700	1896,36619
0,47208	79,59233	250,51957	9,72440	1906,09059
0,47522	80,12186	254,95073	9,55520	1915,64579
0,47834	80,64790	259,45156	9,38928	1925,03507
0,48144	81,17050	264,02435	9,22654	1934,26161
0,48452	81,68974	268,67149	9,06684	1943,32845
0,48758	82,20568	273,39543	8,91010	1952,23855
0,49062	82,71838	278,19875	8,75620	1960,99475

0,49963 84,23765 293,11231 8,31064 1986,36701
0,50260 84,73798 298,26103 8,16721 1994,53422

E/Y= 168.60000 P/Y= 0,80000

RV/ET	RO/T	RN/T	DTHETA	THETA
0,10000	16,86000	18,79744	0,00000	0,00000
0,11480	19,35561	21,92331	118,60954	118,60954
0,12770	21,53038	24,72392	103,54033	222,14987
0,13930	23,48597	27,30471	92,83099	314,98086
0,14993	25,27903	29,72426	84,69151	399,67237
0,15982	26,94512	32,01927	78,22471	477,89708
0,16909	28,50833	34,21463	72,92140	550,81848
0,17785	29,98594	36,32820	68,46719	619,28567
0,18619	31,39082	38,37330	64,65558	683,94125
0,19415	32,73289	40,36025	61,34449	745,28574
0,20178	34,01998	42,29721	58,43235	803,71809
0,20912	35,25842	44,19081	55,84437	859,56246
0,21621	36,45340	46,04651	53,52407	913,08654

0.38526	64.95416	157.09074	15.53169	1600.88810
0.22307	37.60924	47.86891	51.42786	964.51439
0.22971	38.72958	49.66191	49.52147	1014.03586
0.23617	39.81753	51.42885	47.77756	1061.81342
0.24244	40.87578	53.17266	46.17399	1107.98741
0.24856	41.90664	54.89590	44.69264	1152.68005
0.25452	42.91216	56.60085	43.31848	1195.99853
0.26034	43.89413	58.28953	42.03894	1238.03746
0.26604	44.85415	59.96377	40.84342	1278.88088
0.27161	45.79363	61.62523	39.72291	1318.60380
0.27707	46.71384	63.27541	38.66969	1357.27349
0.28242	47.61594	64.91569	37.67710	1394.95059
0.28767	48.50095	66.54736	36.73937	1431.68996
0.29282	49.36982	68.17159	35.85145	1467.54141
0.29788	50.22341	69.78949	35.00893	1502.55033
0.30286	51.06249	71.40208	34.20791	1536.75825
0.30776	51.88779	73.01035	33.44497	1570.20322
0.31257	52.69997	74.61519	32.71703	1602.92025
0.31732	53.49964	76.21750	32.02137	1634.94161
0.32199	54.28736	77.81808	31.35554	1666.29716
0.32659	55.06365	79.41773	30.71736	1697.01452
0.33113	55.82900	81.01722	30.10484	1727.11936
0.33561	56.58386	82.61727	29.51621	1756.63557
0.34003	57.32866	84.21858	28.94983	1785.58540
0.34439	58.06378	85.82184	28.40424	1813.98964
0.34869	58.78960	87.42771	27.87810	1841.86774
0.35294	59.50646	89.03685	27.37019	1869.23794
0.35715	60.21468	90.64988	26.87939	1896.11732
0.36130	60.91458	92.26742	26.40466	1922.52199
0.36540	61.60644	93.89008	25.94507	1948.46706
0.36946	62.29053	95.51846	25.49974	1973.96680
0.37347	62.96712	97.15316	25.06788	1999.03468
0.37744	63.63643	98.79477	24.64874	2023.68342

0,38910	65,60300	103,76681	23,46102	2095,23199
0,39291	66,24543	105,44182	23,08638	2118,31836
0,39669	66,88162	107,12663	22,72148	2141,03984
0,40043	67,51177	108,82181	22,36584	2163,40569
0,40413	68,13604	110,52793	22,01903	2185,42472
0,40780	68,75459	112,24559	21,68062	2207,10534
0,41143	69,36757	113,97537	21,35023	2228,45557
0,41504	69,97514	115,71786	21,02748	2249,48305
0,41861	70,57744	117,47365	20,71203	2270,19508
0,42215	71,17459	119,24335	20,40356	2290,59864
0,42566	71,76674	121,02758	20,10176	2310,70040
0,42915	72,35400	122,82694	19,80635	2330,50676
0,43260	72,93650	124,64208	19,51707	2350,02382
0,43603	73,51435	126,47362	19,23364	2369,25746
0,43943	74,08765	128,32222	18,95584	2388,21330
0,44280	74,65652	130,18855	18,68343	2406,89674
0,44615	75,22105	132,07327	18,41621	2425,31295
0,44947	75,78135	133,97707	18,15397	2443,46692
0,45277	76,33751	135,90066	17,89651	2461,36342
0,45605	76,88962	137,84476	17,64365	2479,00708
0,45930	77,43776	139,81011	17,39523	2496,40230
0,46253	77,98202	141,79744	17,15106	2513,55337
0,46573	78,52249	143,80755	16,91101	2530,46438
0,46892	79,05923	145,84122	16,67492	2547,13929
0,47208	79,59233	147,89926	16,44264	2563,58194
0,47522	80,12186	149,98251	16,21405	2579,79598
0,47834	80,64790	152,09183	15,98901	2595,78499
0,48144	81,17050	154,22809	15,76740	2611,55239
0,48452	81,68974	156,39222	15,54911	2627,10150
0,48758	82,20568	158,58514	15,33402	2642,43552
0,49062	82,71838	160,80782	15,12203	2657,55755
0,49364	83,22790	163,06126	14,91303	2672,47058

0.49664	83.73430	165.34648	14.53140	1600.88810
0.49963	84.23765	167.66454	14.70693	2687.17751
0.50260	84.73798	170.01655	14.50363	2701.68114
			14.30305	2715.98419

39/58/54	0#XFAT	#XKEE			
39/59/17	0#XFAT	DLTD	FI	#XPCK	
39/59/17	0#XFAT	DLTD			
39/59/20	0#XPCK	#XFAT			
39/59/22	0#XPCK	6912			
39/59/27	0#XPCK	7040			
39/59/31	0#M60A	#XPCK			
39/59/35	0#M60A	2688			
39/59/36	0#M60A	HALT	LD		
39/59/56	0#M60A	DLTD	00		
39/59/57	0#M60A	CLKD	8		
39/59/57	0#M60A	DLTD			

DOCUMENT LOG PRINTOUT[M60A] 27/01/71 AT 39.59

ACCOUNT CODE	1905M60B	DATE	27/01/71	TOTAL MILL TIME	8
JOB NAME	M60A	START TIME	39/58/45	INPUT RECORDS	0
USER NAME	W.A.C.SWIFT	END TIME	39/59/59	OUTPUT RECORDS	0
PERIPHERALS USED:	12 15			MAX. CORE SIZE	17408

JD ERRORS

JOB M60A,1905M60B,W.A.C.SWIFT
FORTRAN 1,CR0(M60APROG),,40,9000

ER,B

9F07 IN

RUN BY GEORGE 2/MK8C ON 27/01/71 AT 40.00